



BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 375-2908

## NOTICE OF ACCEPTANCE (NOA)

Windoor, Inc.  
1978 Stanhome Way  
Orlando, FL 32804

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series 8000 Aluminum Sliding Glass Door with 5' Wide and 8' High Panels

**APPROVAL DOCUMENT:** Drawing No. WIND0081, titled "Series 8000 SGD Large Missile 5080 Panels", sheets 1 through 14 of 14, prepared by Product Technology Corporation, dated 09/13/04 with revisions "A" 12/29/04, signed and sealed by Eric S. Nielsen, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING:** Large and Small Missile Impact

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



NOA No 04-1020.03  
Expiration Date: March 17, 2010  
Approval Date: March 17, 2005  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **WIND0081**, titled "Series 8000 Pocket SGD Large Missile 5080 Panels", sheets 1 through 14 of 14, prepared by Product Technology Corporation, dated 09/13/04 with revision "A" 12/29/04, signed and sealed by Eric S. Nielsen, P.E.

**B. TESTS**

1. Test reports on
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of a sliding glass door, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3040-2** dated 07/28/04, signed and sealed by Gerald J. Ferrara, P.E.

**C. CALCULATIONS**

1. Anchor Calculations, ASTM-E 1300, and structural analysis, prepared by Product Technology Corporation, dated 09/13/04, signed and sealed by Eric S. Nielsen, P.E.

**D. QUALITY ASSURANCE**

1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

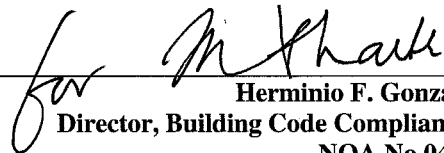
1. Notice of Acceptance No. **03-0415.13**, issued to Solutia Inc. for their "Vancea Composites used for Lamination of Glass", approved on 12/11/03 and expiring on 12/11/08.

**F. STATEMENTS**

1. Statement letter of conformance and no financial interest, dated 10/14/04, signed and sealed by Eric Nielsen, P.E.

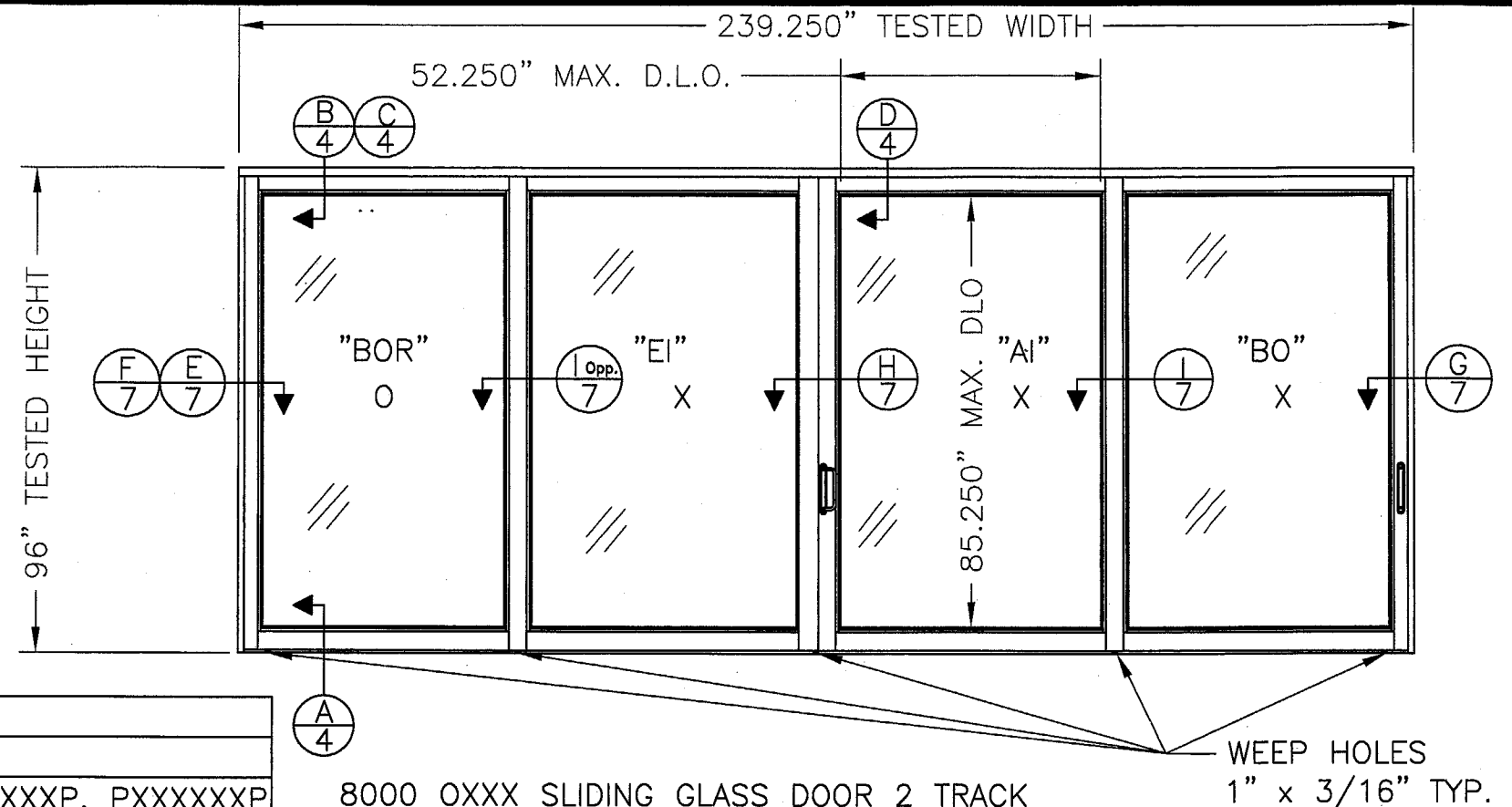
**G. OTHER**

1. Letter from the consultant stating that the product is in compliance with Florida Building Code (FBC).

  
\_\_\_\_\_  
Herminio F. Gonzalez, P.E.  
Director, Building Code Compliance Office  
NOA No 04-1020.03  
Expiration Date: March 17, 2010  
Approval Date: March 17, 2005

# GENERAL NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE HVHZ FLORIDA BUILDING CODE.
- 2) WOOD BUCK, STEEL OR WOOD FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, BUCK OR FRAMING IS RESPONSIBILITY OF ARCHITECT OF RECORD.
- 3) PRODUCTS ARE APPROVED FOR USE WHERE LARGE MISSILE IMPACT RESISTANCE IS REQUIRED. IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
- 4) SEE DESIGN PRESSURE TABLE AND APPROVED CONFIGURATION TABLE SHEET 1.



APPROVED CONFIGURATION TABLE	
2 TRACK	XO, OX, XX, OXO, OXXO, XXXX, PX, XP, PXX, PXXP, PXXXXP
3 TRACK	XXX, OXX, XXO, OXXX, XXXO, XXXXXX, OXXXXO, OXXXXXXO, PXXX, XXXP, PXXXXXXP
4 TRACK	XXXX, OXXX, XXXO, XXXXXXXX, OXXXXXXO, PXXXX, XXXXP, PXXXXXXXXP

8000 OXXX SLIDING GLASS DOOR 2 TRACK  
 "BOR" PANEL (FIXED) = 61 5/16" X 94 5/16"  
 "EI" PANEL (ACTIVE) = 62 1/16" X 94 5/16"  
 "AI" PANEL (ACTIVE) = 61 5/16" X 94 5/16"  
 "BO" PANEL (ACTIVE) = 61 5/16" X 94 5/16"

DESIGN PRESSURE TABLE					
PANEL SIZES	1 1/2" SILL RISER	2 1/4" SILL RISER	3" SILL RISER	3 1/2" SILL RISER	4" SILL RISER
ALL 6'8" HIGH PANELS	+40/-120	+60/-120	+80/-120	+100/-120	+120/-120
42" X 96" OR LESS	+40/-120	+60/-120	+80/-120	+100/-120	+120/-120
42-1/8" TO 48" X 96"	+40/-115	+60/-115	+80/-115	+100/-115	+115/-115
48-1/8" TO 60" X 96"	+40/-100	+60/-100	+80/-100	+100/-100	+100/-100

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	ELEVATION & GENERAL NOTES
2	ELEVATION & GENERAL NOTES
3	ANCHORING DETAILS
4	2 TRACK VERTICAL CROSS SECTIONS
5	3 TRACK VERTICAL CROSS SECTIONS
6	4 TRACK VERTICAL CROSS SECTIONS
7	2 TRACK HORIZONTAL CROSS SECTIONS
8	3 TRACK HORIZONTAL CROSS SECTIONS
9	4 TRACK HORIZONTAL CROSS SECTIONS
10	2, 3 & 4 TRACK HORIZONTAL CROSS SECTIONS
11	GLAZING DETAILS
12	BILL OF MATERIAL
13	COMPONENTS
14	COMPONENTS

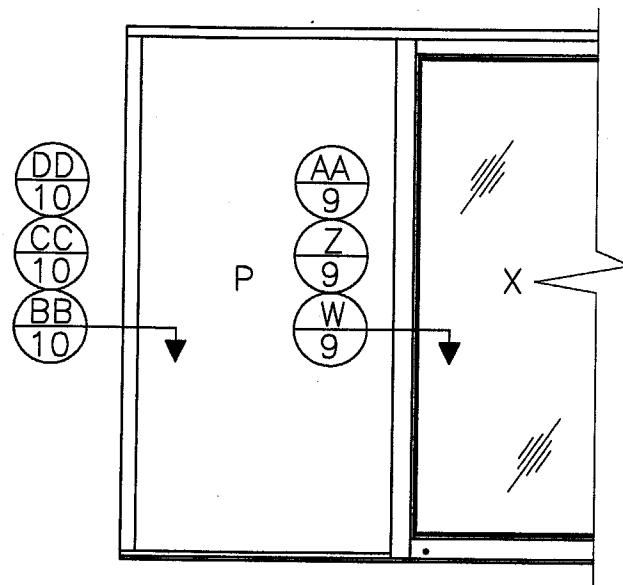
SYM	REVISION	DATE	BY
A	Per Dade letter dated 12/03/04	12/29/04	DRL

*Eric S. Nielsen*  
 1/24/05  
 Eric S. Nielsen  
 Florida P. E. No. 41323  
 Product Technology Corporation  
 1150 Louisiana Ave., Suite 6  
 Winter Park, Florida 32789  
 FBPE Certificate of Authorization NO. 8681

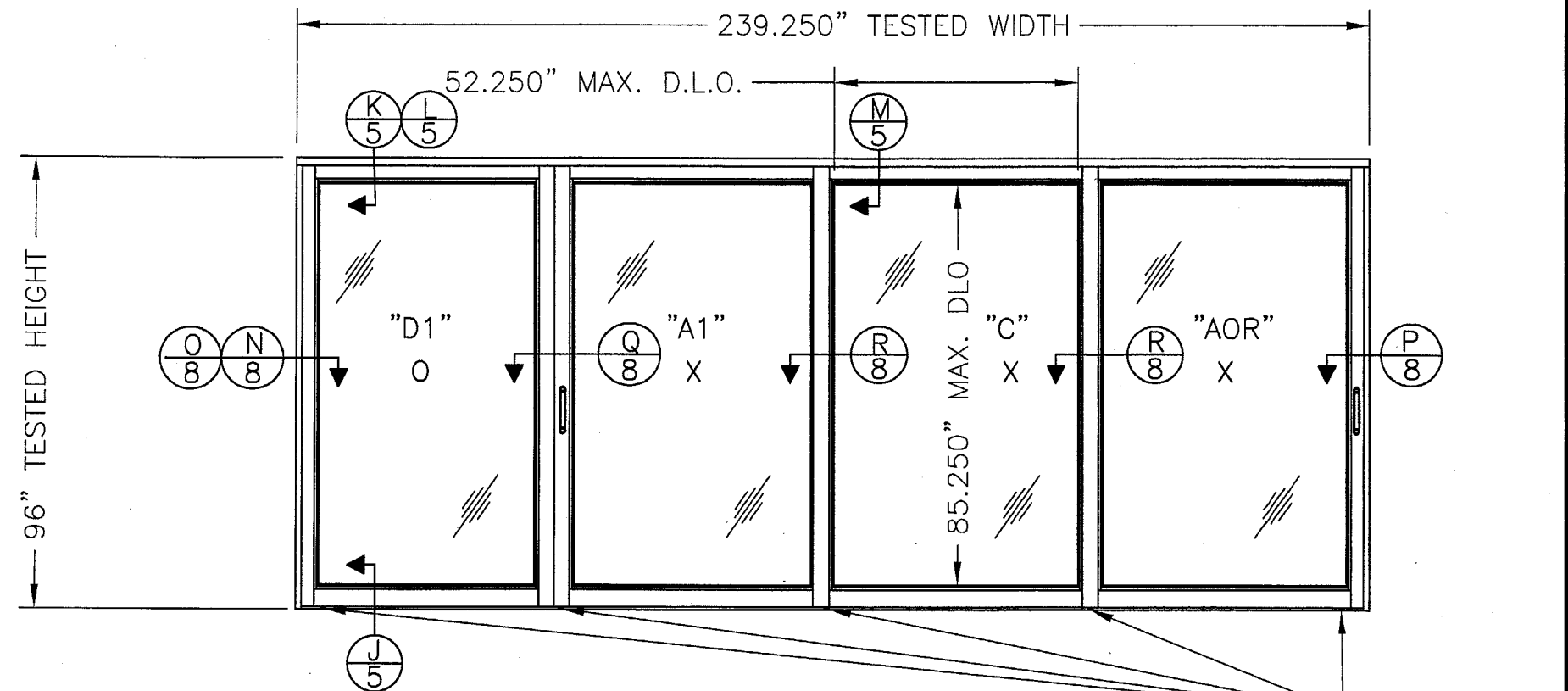
**WINDOOR, INC.**  
 1978 STANHOME WAY, ORLANDO, FL 32804  
 TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS  
 ELEVATION AND GENERAL NOTES

PREPARED BY:	DRN:	DATE:
<b>PTC</b> Product Technology Corporation	DRL	09/13/04
SCALE:	N.T.S.	DWG. NO:
REV:	A	WIND0081
Phone 407.622.6334 Fax 407.622.6335		SHEET: 1 OF 14

Approved as complying with the  
 Florida Building Code  
 Date 03/12/05  
 NOAH 04-1020.03  
 Miami Dade Product Control  
 Division  
 By *[Signature]*



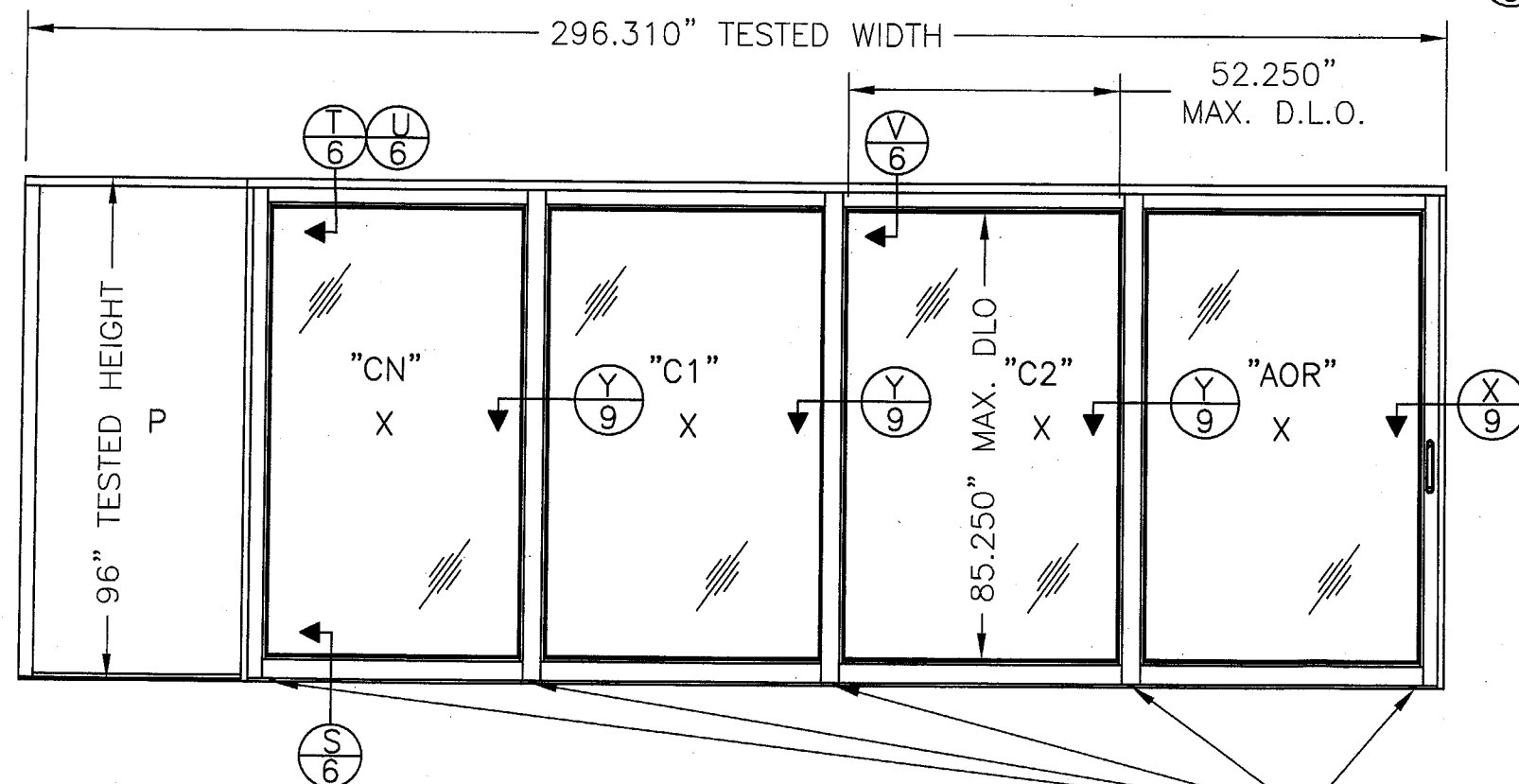
8000 POCKET PARTIAL ELEVATION  
2, 3 AND 4 TRACK



8000 OXXX SLIDING GLASS DOOR 3 TRACK

"D1" PANEL (FIXED) = 61 5/16" X 94 5/16"  
 "A1" PANEL (ACTIVE) = 61 5/16" X 94 5/16"  
 "C" PANEL (ACTIVE) = 61 5/16" X 94 5/16"  
 "AOR" PANEL (ACTIVE) = 61 5/16" X 94 5/16"

WEEP HOLE  
1" X 3/16"  
TYP.



8000 PXXXX SLIDING GLASS DOOR 4 TRACK

"CN" PANEL (ACTIVE) = 61 5/16" X 94 5/16"  
 "C1" PANEL (ACTIVE) = 61 5/16" X 94 5/16"  
 "C2" PANEL (ACTIVE) = 61 5/16" X 94 5/16"  
 "AOR" PANEL (ACTIVE) = 61 5/16" X 94 5/16"

WEEP HOLE  
1" X 3/16" TYP.

Approved as complying with the  
Florida Building Code  
Date 03/13/05  
NOA# 04-1020.03  
Miami-Dade Product Control  
Division  
By [Signature]

[Signature]  
1/24/05  
Eric S. Nielsen  
Florida P. E. No. 41323  
Product Technology Corporation  
1150 Louisiana Ave., Suite 6  
Winter Park, Florida 32789  
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.

1978 STANHOME WAY, ORLANDO, FL 32804

TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS

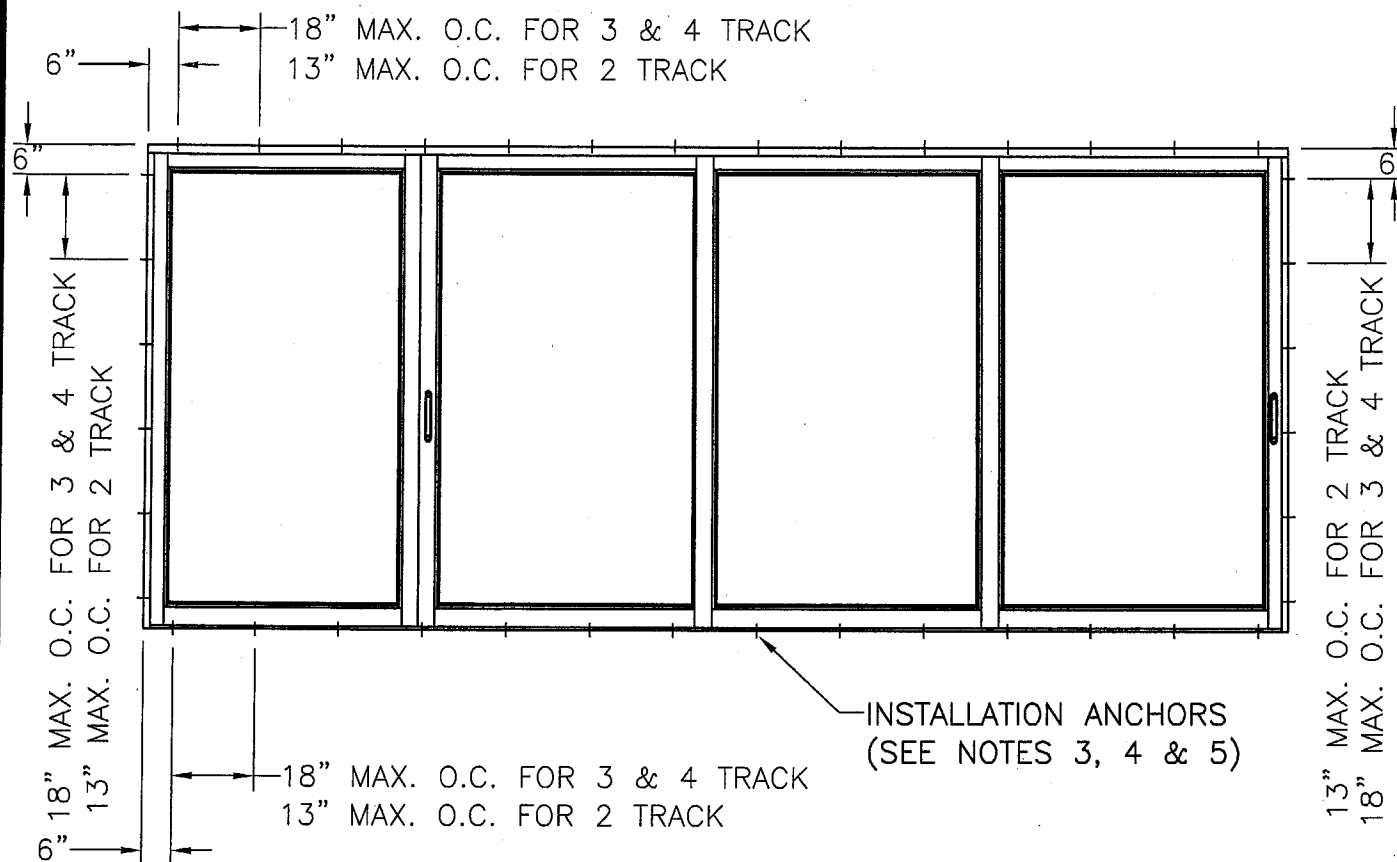
ELEVATIONS AND GENERAL NOTES

PREPARED BY:  
**PTC**  
Product Technology Corporation

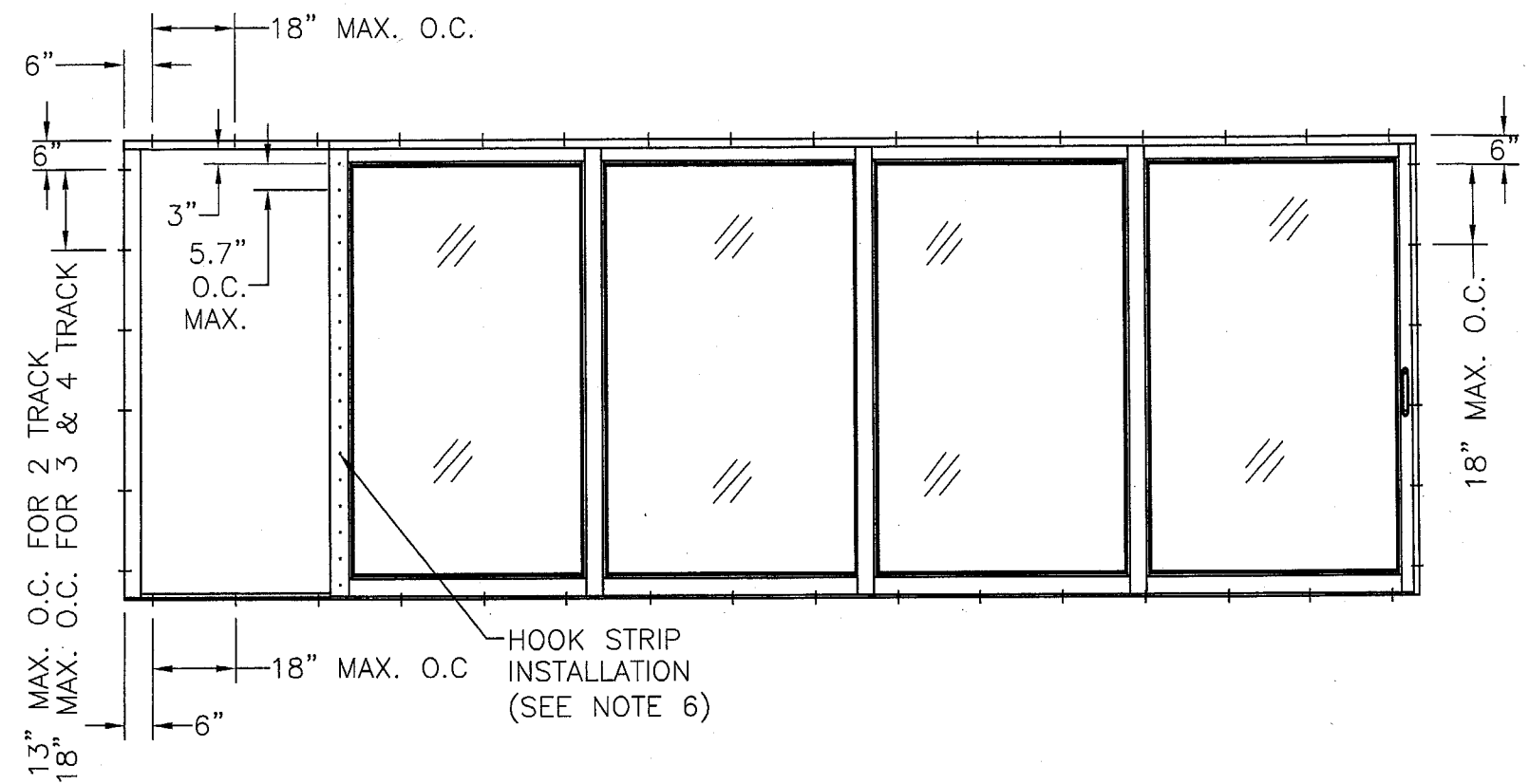
Phone 407.622.6334 Fax 407.622.6335

DRN:	DRL	DATE:	09/13/04
SCALE:	N.T.S.	DWG. NO:	WIND0081
REV:	A	SHEET:	2 OF 14

SYM	REVISION	DATE	BY
A	Per Dade letter dated 12/03/04	12/29/04	DRL



SERIES 8000 OXXX REINFORCED SLIDING GLASS DOOR  
SEE NOTES THIS SHEET



SERIES 8000 PXXXX REINFORCED SLIDING GLASS DOOR  
SEE NOTES THIS SHEET

**INSTALLATION NOTES:**

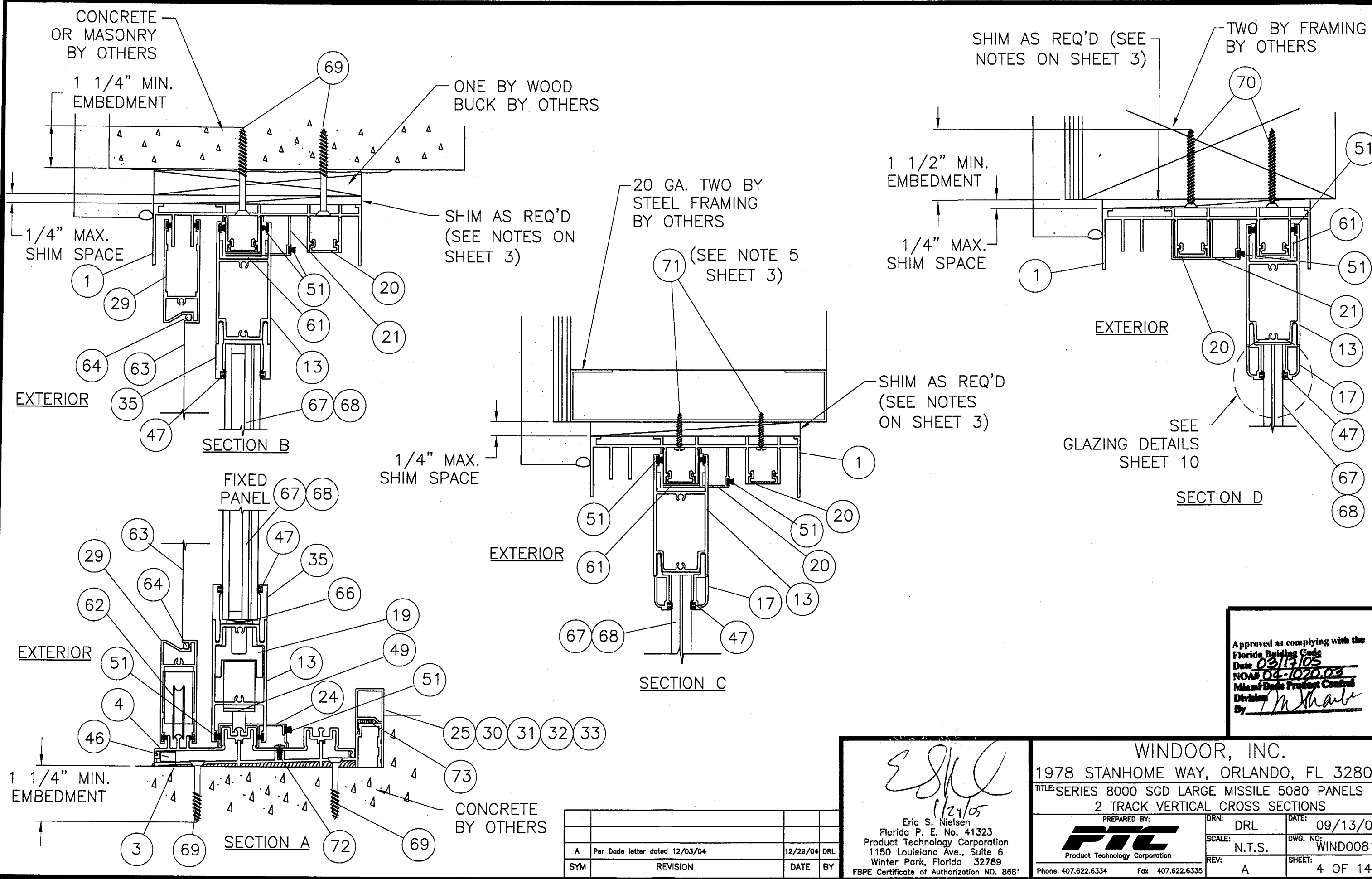
- 1) SHIM AS REQUIRED AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- 2) ANCHORS REQUIRED AT EACH ANCHOR LOCATION SHOWN ARE AS FOLLOWS: FOR 2 TRACK FRAME, TWO (2) ANCHORS; FOR 3 TRACK FRAME, THREE (3) ANCHORS; FOR 4 TRACK FRAME, FOUR (4) ANCHORS.
- 3) CONCRETE OR MASONRY SUBSTRATE WHERE ONE BY, NON-STRUCTURAL, WOOD BUCKING IS EMPLOYED, USE 1/4" DIAMETER. RAWL TAPPER CONCRETE SCREW ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM OF 1 1/4" INTO CONCRETE OR MASONRY.
- 4) WOOD FRAME SUBSTRATE, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1 1/2" INTO WOOD FRAMING.
- 5) STEEL STUD SUBSTRATE, USE 1/4" TAPPING SHEET METAL SCREWS OF SUFFICIENT LENGTH TO PENETRATE BEYOND THE STEEL FRAMING A MINIMUM OF THREE PITCHES OF THREAD.
- 6) HOOK STRIP ANCHOR SPACING 5.7" O.C. MAXIMUM

SYM	REVISION	DATE	BY
A	Per Dade letter dated 12/03/04	12/29/04	DRL

*ESN*  
1/24/05  
Eric S. Nielsen  
Florida P. E. No. 41323  
Product Technology Corporation  
1150 Louisiana Ave., Suite 6  
Winter Park, Florida 32789  
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC. 1978 STANHOME WAY, ORLANDO, FL 32804 TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS ANCHORING DETAILS			
PREPARED BY: <b>PTC</b> Product Technology Corporation	DRN: DRL	DATE: 09/13/04	DWG. NO: WIND0081
Phone 407.622.6334 Fax 407.622.6335	SCALE: N.T.S.	REV: A	SHEET: 3 OF 14

Approved as complying with the  
Florida Building Code  
Date 03/13/05  
NOAH 04-1022003  
Miami-Dade Product Control  
Division  
By IM Shaw

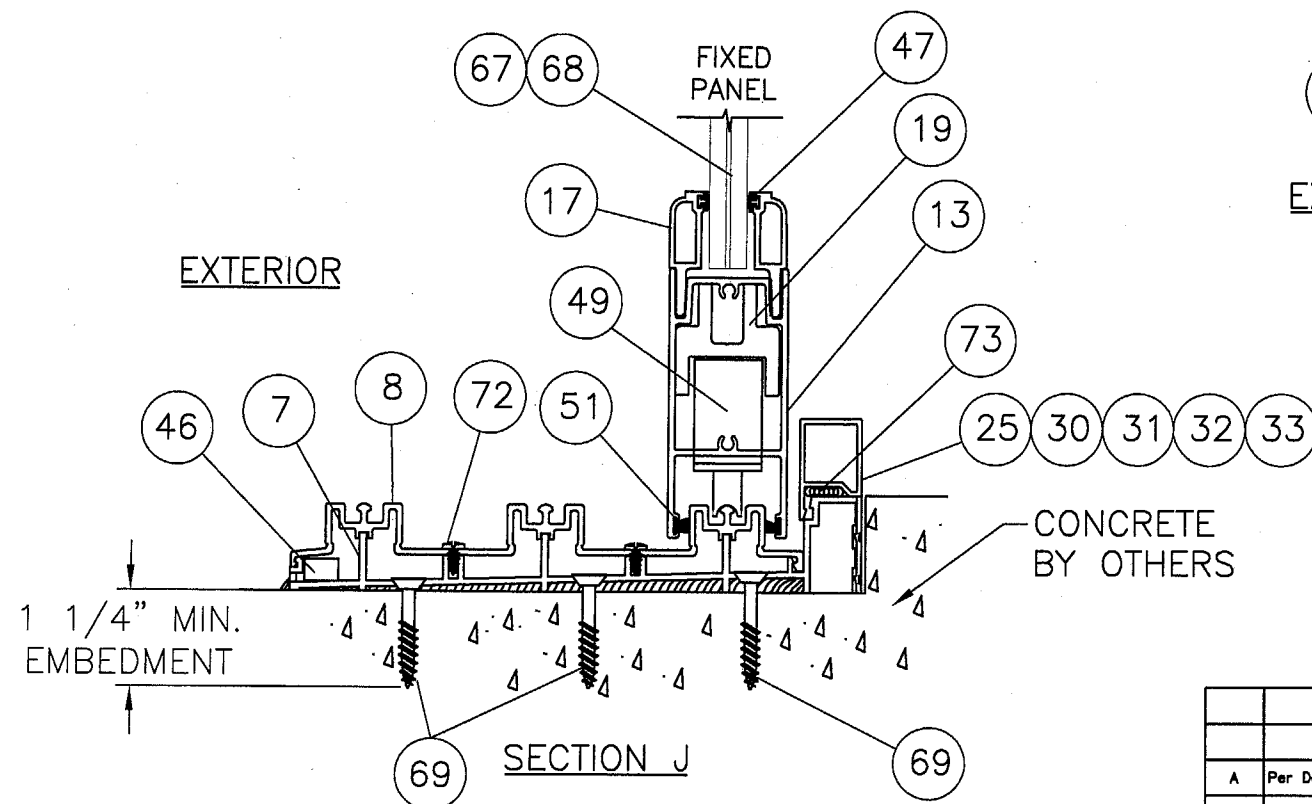
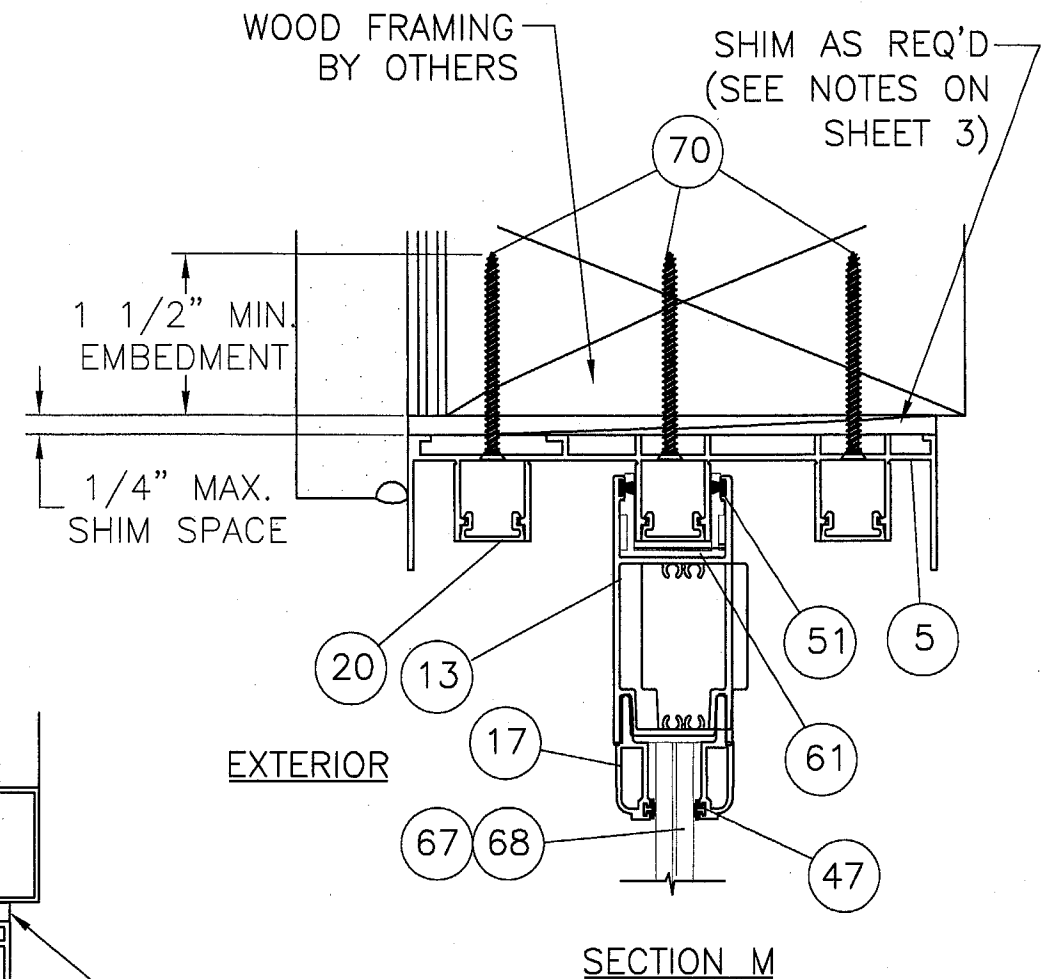
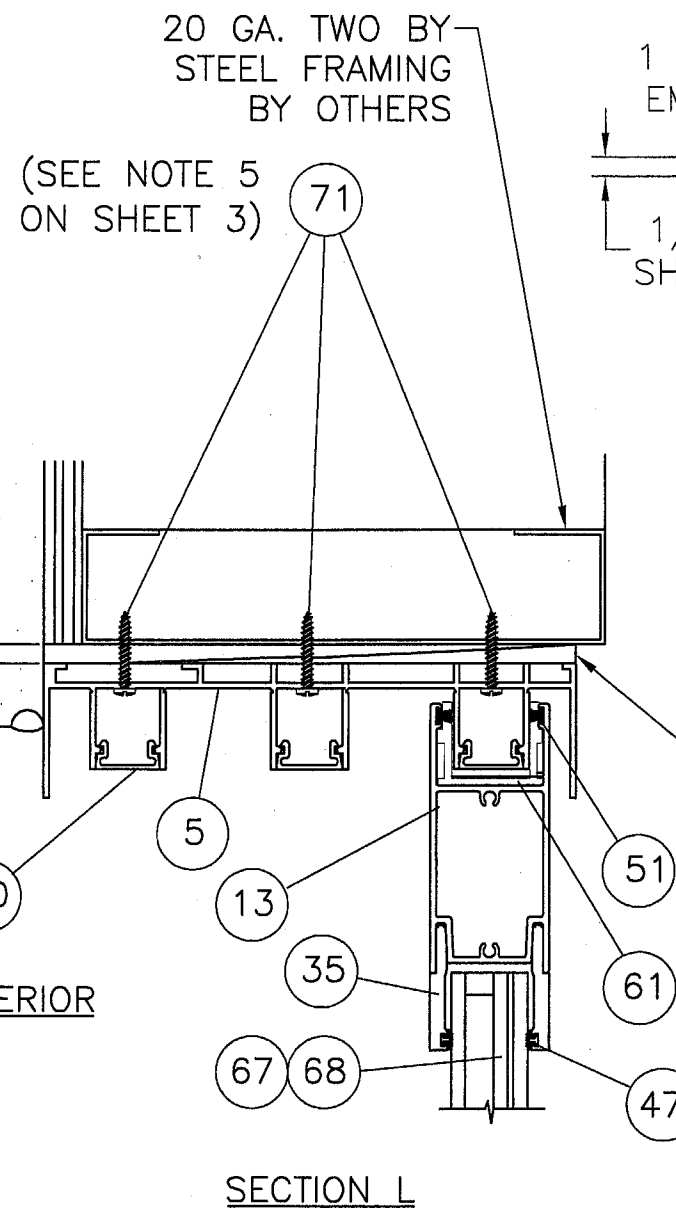
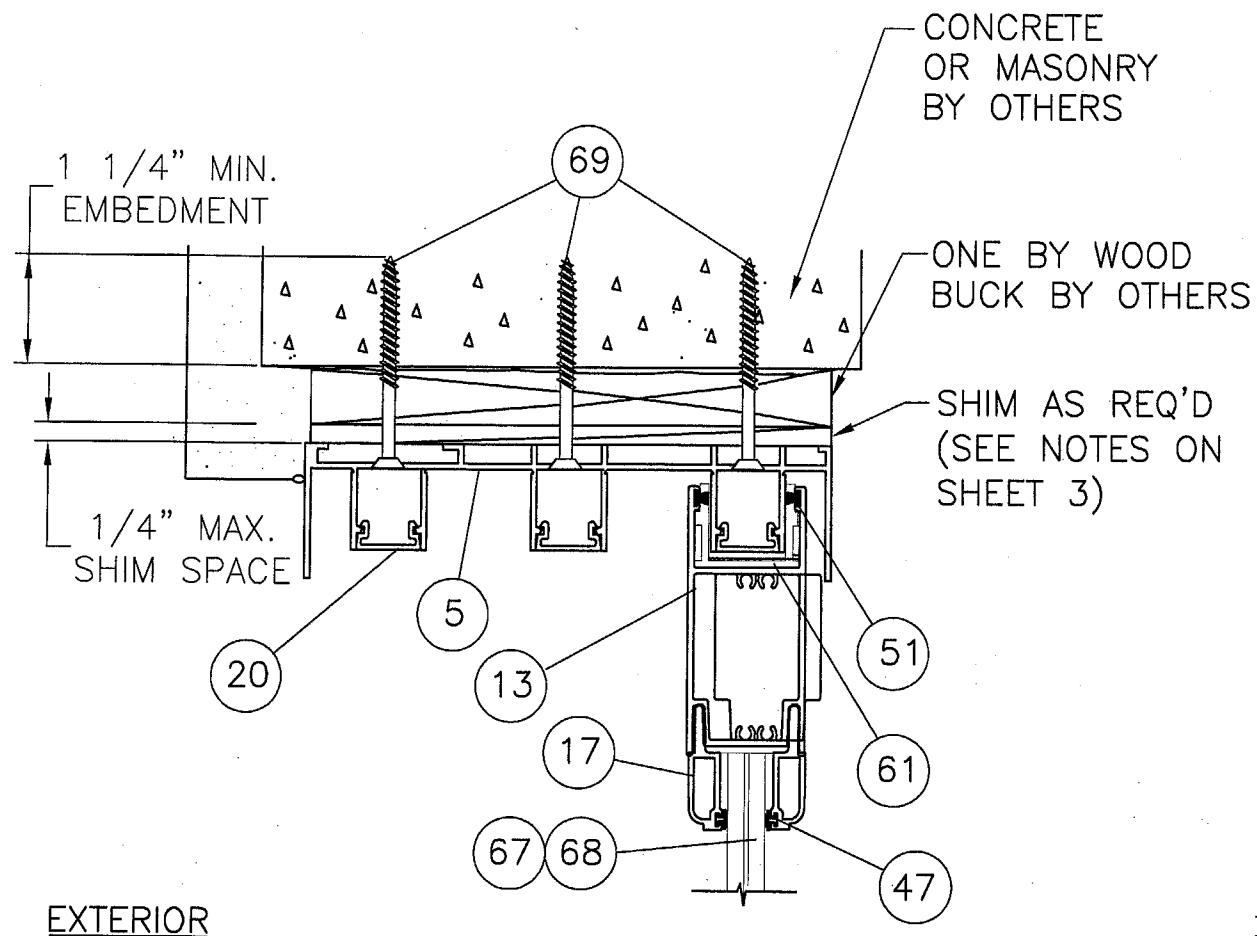


Approved as complying with the  
Florida Building Code  
Date: 03/13/05  
NOAH 04-1020.03  
Miami-Dade Product Control  
Division  
By: *[Signature]*

*[Signature]*  
1/24/05  
Eric S. Nielsen  
Florida P. E. No. 41323  
Product Technology Corporation  
1150 Louisiana Ave., Suite 6  
Winter Park, Florida 32789  
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.			
1978 STANHOME WAY, ORLANDO, FL 32804			
TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS			
2 TRACK VERTICAL CROSS SECTIONS			
PREPARED BY:	DRN:	DATE:	
<b>PTC</b> Product Technology Corporation	DRL	09/13/04	
	SCALE:	DWG. NO.	
	N.T.S.	WIND0081	
	REV:	SHEET:	
	A	4 OF 14	

SYM	REVISION	DATE	BY
A	Per Dade letter dated 12/03/04	12/29/04	DRL



SYM	REVISION	DATE	BY
A	Per Dade letter dated 12/03/04	12/29/04	DRL

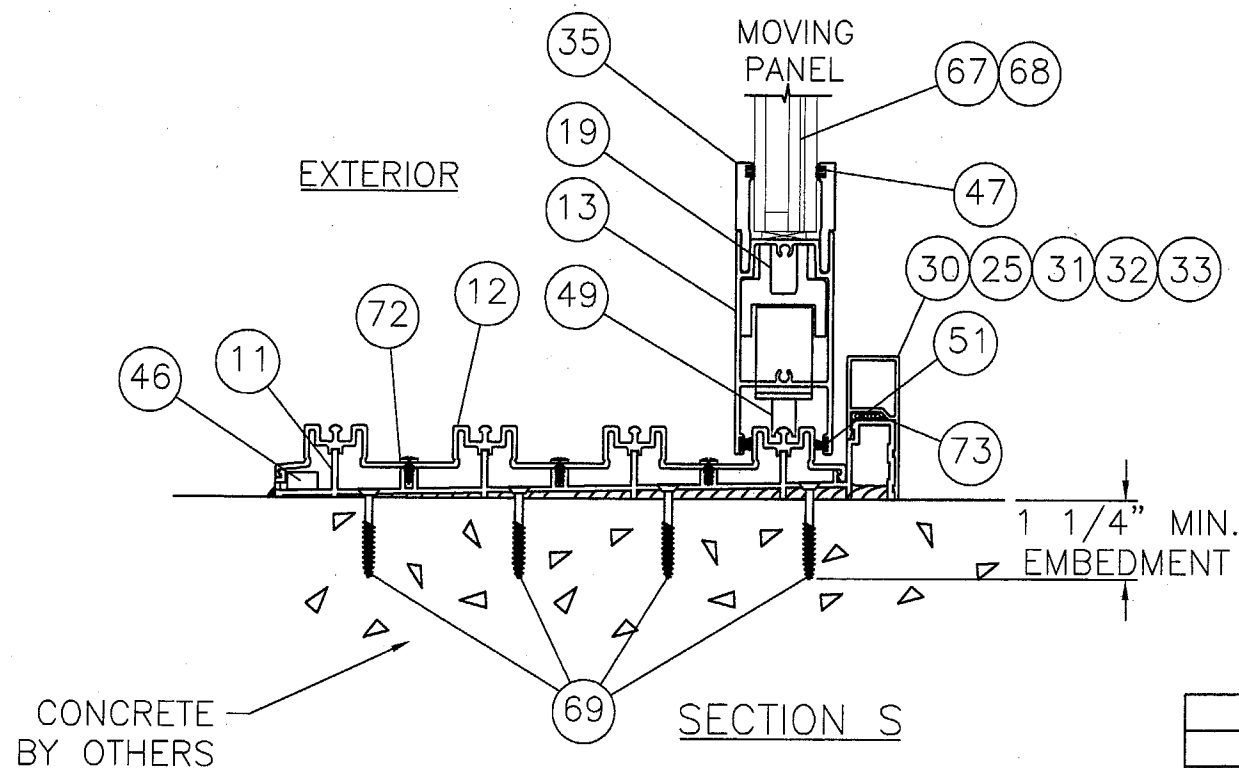
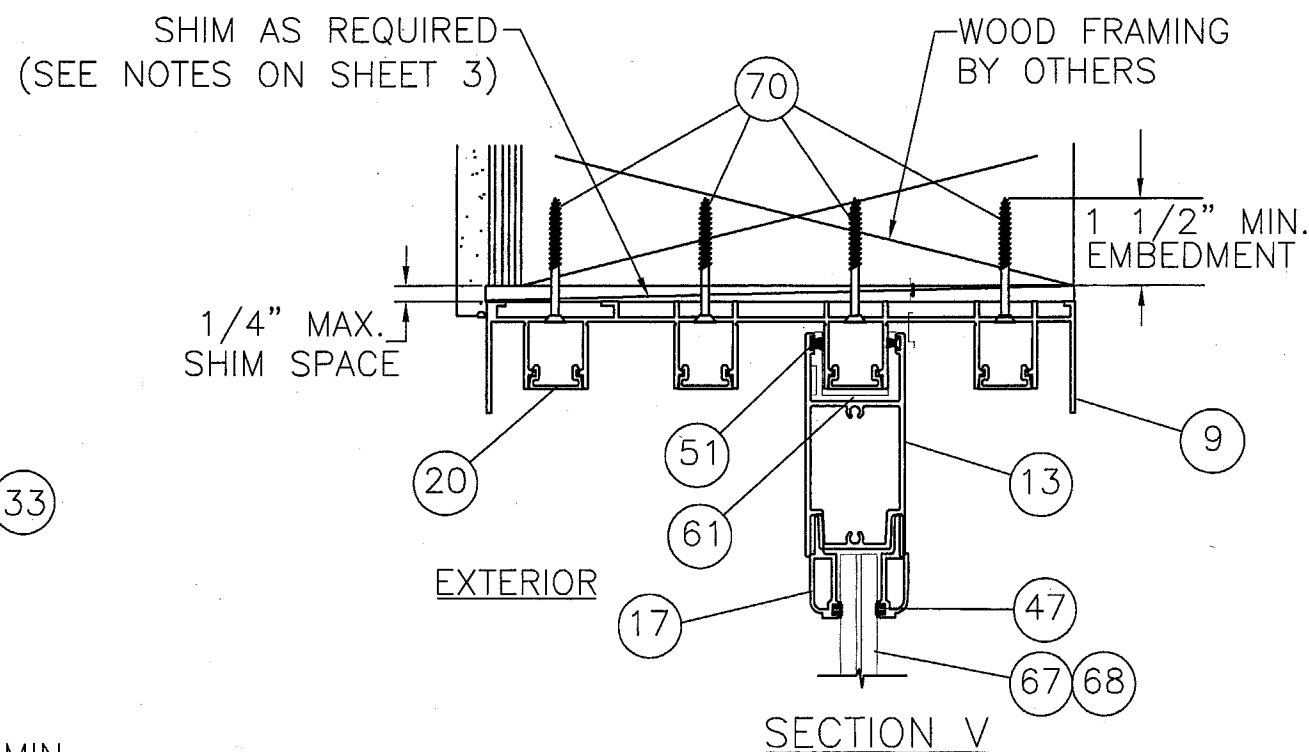
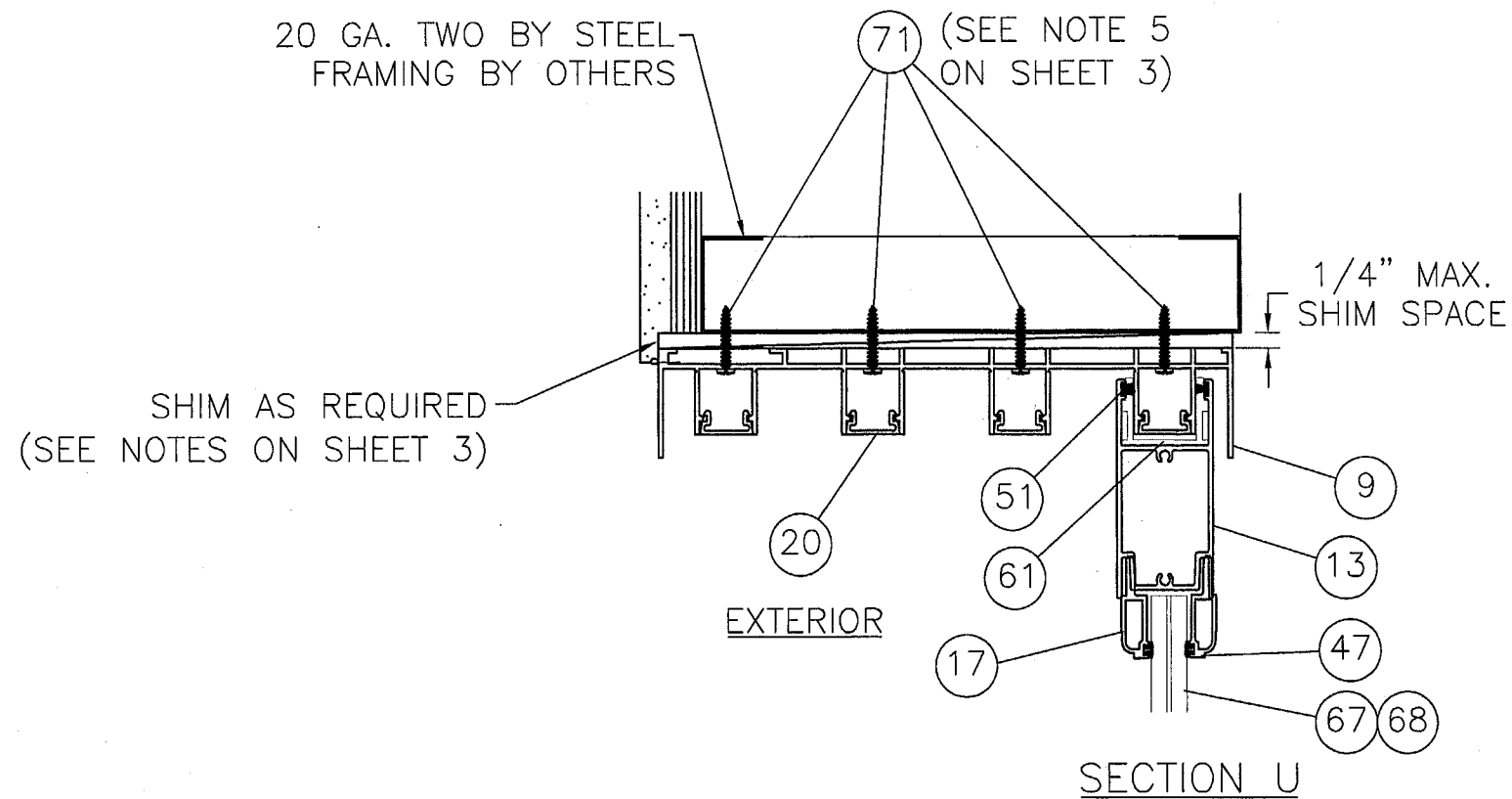
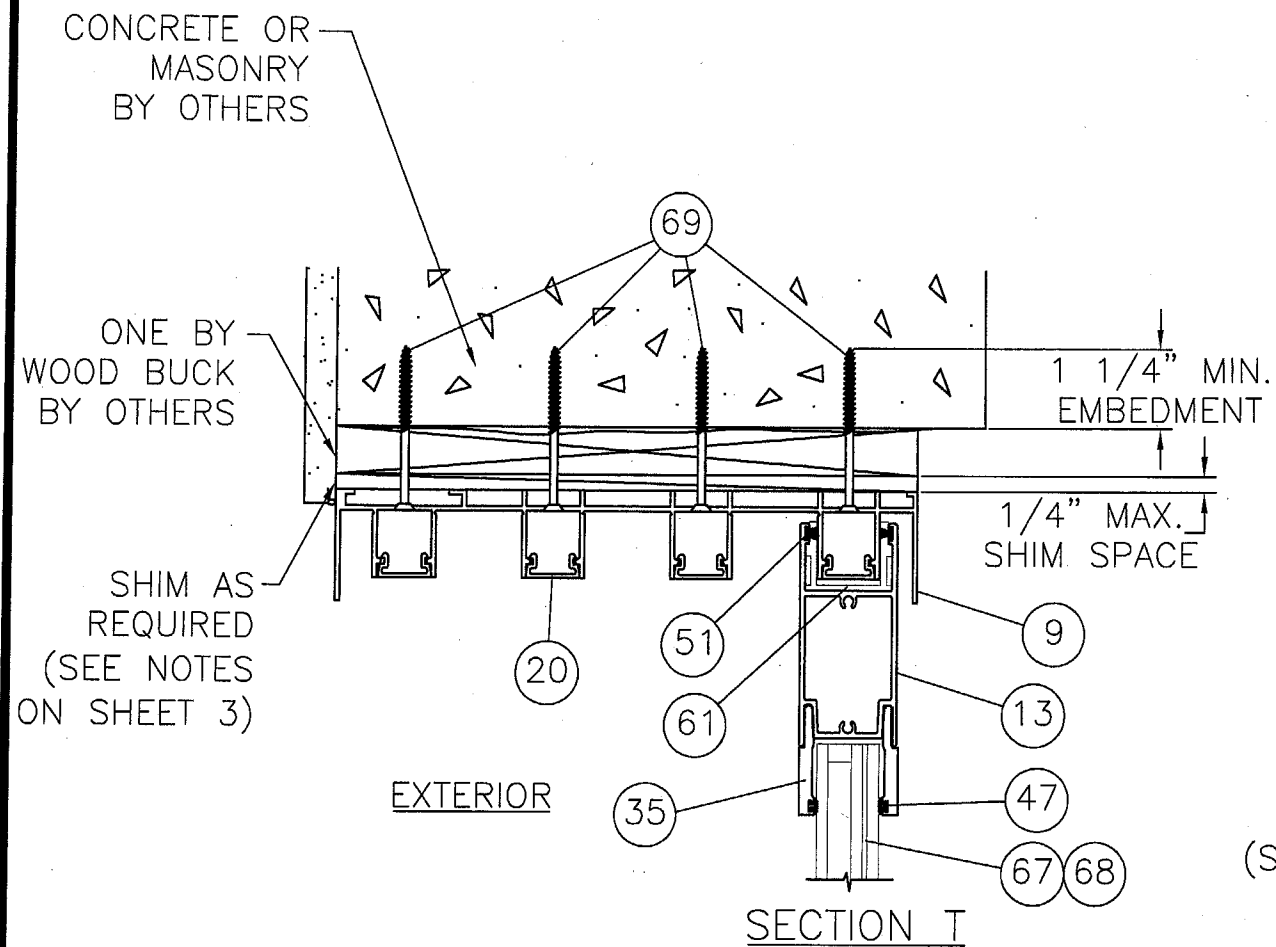
*ESK*  
1/24/05  
Eric S. Nielsen  
Florida P. E. No. 41323  
Product Technology Corporation  
1150 Louisiana Ave., Suite 6  
Winter Park, Florida 32789  
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.  
1978 STANHOME WAY, ORLANDO, FL 32804  
TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS  
3 TRACK VERTICAL CROSS SECTIONS

PREPARED BY: **PTC** Product Technology Corporation  
Phone 407.622.6334 Fax 407.622.6335

DRN: DRL	DATE: 09/13/04
SCALE: N.T.S.	DWG. NO: WIND0081
REV: A	SHEET: 5 OF 14

Approved as complying with the  
Florida Building Code  
Date: 03/13/05  
MOA: 04-1020-03  
Miami Dade Product Control  
Division  
By: *[Signature]*



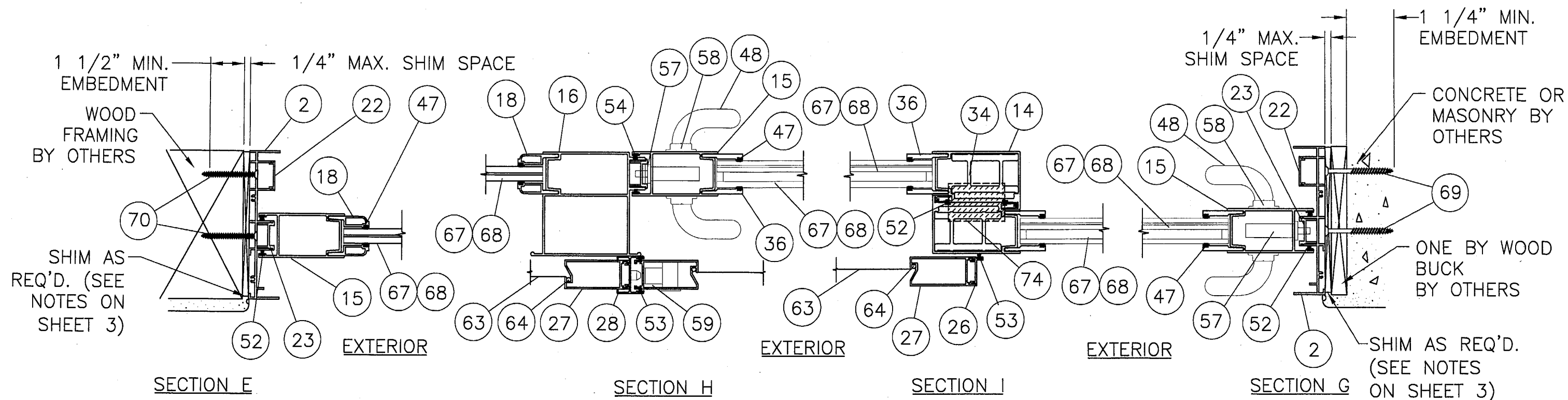
Approved as complying with the  
Florida Building Code  
Date 03/13/05  
NOAH 04-1022.03  
Miami-Dade Product Control  
Division  
By 1/1/Shaik

SYM	REVISION	DATE	BY
A	Per Dade letter dated 12/03/04	12/29/04	DRL

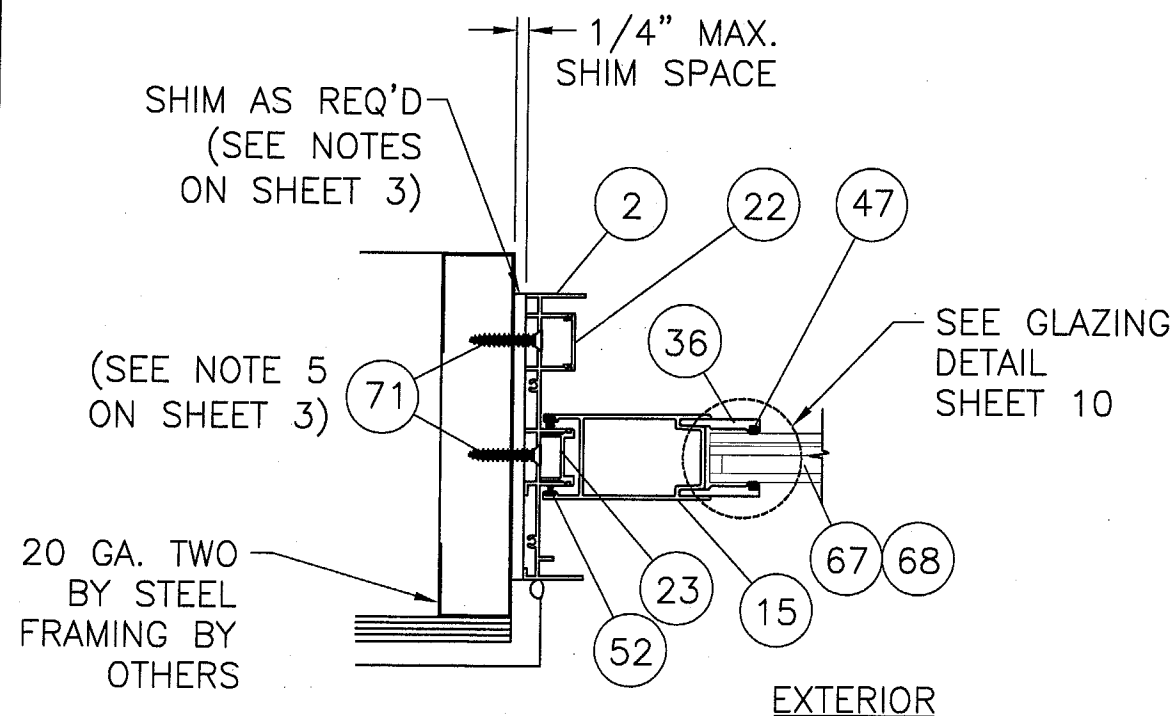
*ESN*  
1/24/05  
Eric S. Nielsen  
Florida P. E. No. 41323  
Product Technology Corporation  
1150 Louisiana Ave., Suite 6  
Winter Park, Florida 32789  
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.  
1978 STANHOME WAY, ORLANDO, FL 32804  
TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS  
4 TRACK VERTICAL CROSS SECTIONS  
PREPARED BY:  
**PTC**  
Product Technology Corporation  
DRN: DRL DATE: 09/13/04  
SCALE: N.T.S. DWG. NO: WIND0081  
REV: A SHEET: 6 OF 14  
Phone 407.622.6334 Fax 407.622.6335





# REINFORCED DOORS



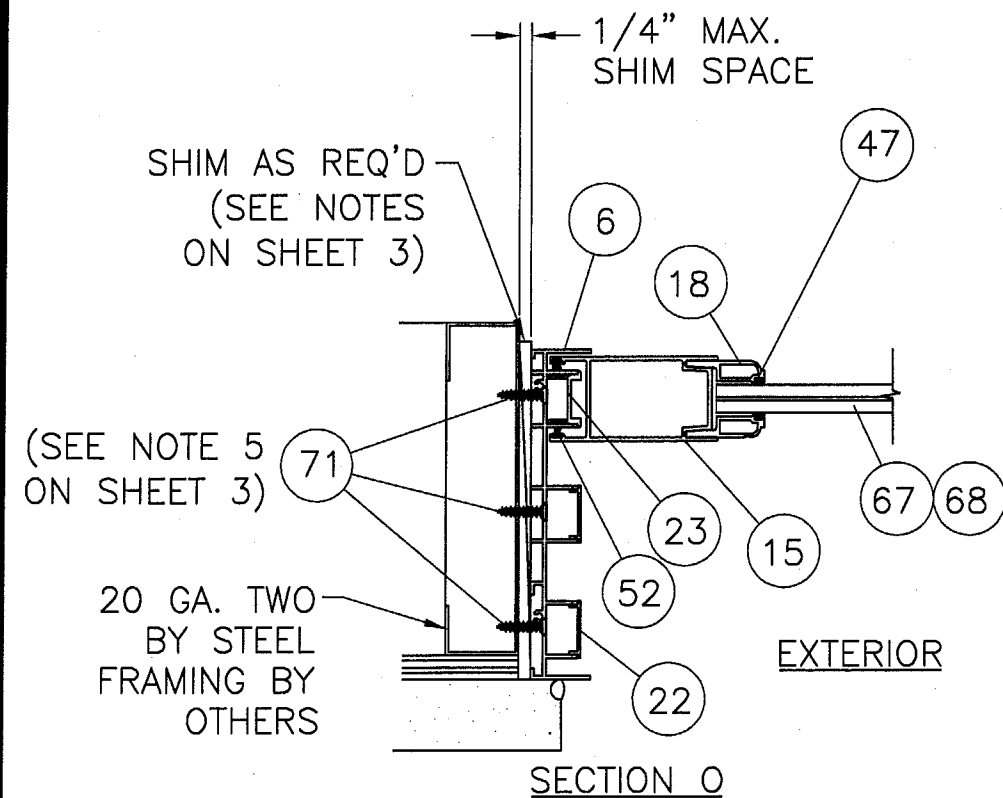
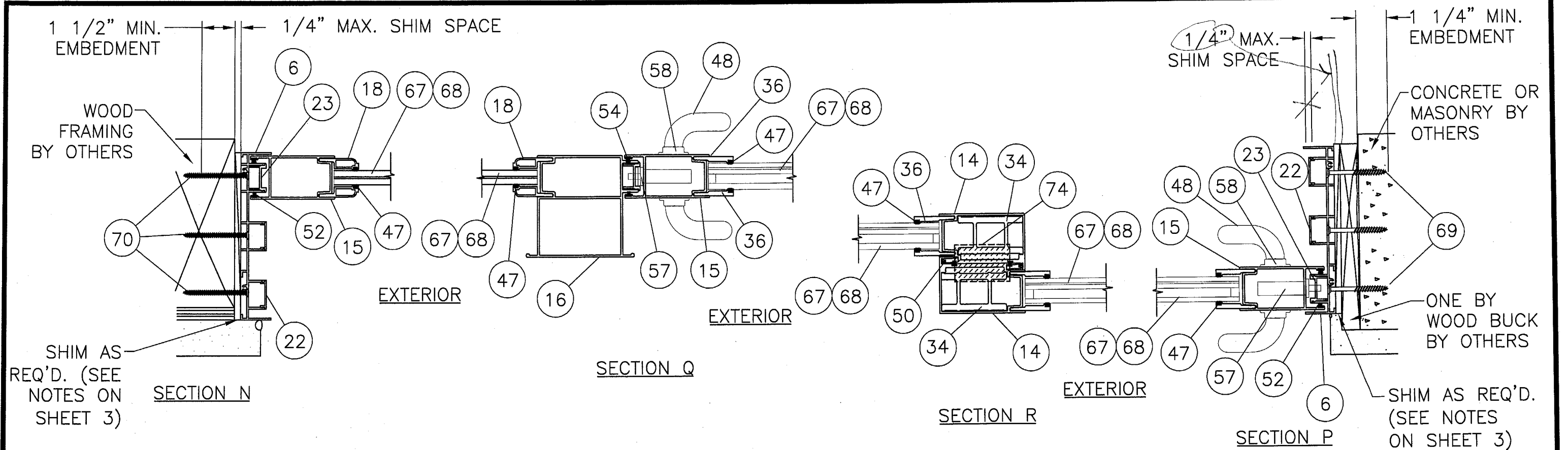
**PANEL CONSTRUCTION**  
 EACH PANEL HAS COPED & BUTTED CORNERS.  
 EACH CORNER IS FASTENED TOGETHER WITH  
 TWO #10 X 1 1/4 SS PAN HEAD SCREWS.

Approved as complying with the  
 Florida Building Code  
 Date 03/13/05  
 NOAH 02-102003  
 Miami-Dade Product Control  
 Division  
 By [Signature]

SYM	REVISION	DATE	BY
A	Per Dade letter dated 12/03/04	12/29/04	DRL

*ES/C*  
 1/24/05  
 Eric S. Nielsen  
 Florida P. E. No. 41323  
 Product Technology Corporation  
 1150 Louisiana Ave., Suite 6  
 Winter Park, Florida 32789  
 FBPE Certificate of Authorization NO. 8681

**WINDOOR. INC.**  
 1978 STANHOME WAY, ORLANDO, FL 32804  
 TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS  
 2 TRACK HORIZONTAL CROSS SECTIONS  
 PREPARED BY: **PTC** Product Technology Corporation  
 DRN: DRL DATE: 09/13/04  
 SCALE: N.T.S. DWG. NO: WIND0081  
 REV: A SHEET: 7 OF 14  
 Phone 407.622.6334 Fax 407.622.6335



**PANEL CONSTRUCTION**  
 EACH PANEL HAS COPED & BUTTED CORNERS.  
 EACH CORNER IS FASTENED TOGETHER WITH  
 TWO #10 X 1 1/4 SS PAN HEAD SCREWS.

as complying with the  
 Florida Building Code  
 Date 03/13/05  
 NOAH 04-1020-03  
 Miami-Dade Product Control  
 Division  
 By JM Khair

SYM	REVISION	DATE	BY
A	Per Dade Letter dated 12/03/04	12/29/04	DRL

*ESN*  
 1/24/05  
 Eric S. Nielsen  
 Florida P. E. No. 41323  
 Product Technology Corporation  
 1150 Louisiana Ave., Suite 6  
 Winter Park, Florida 32789  
 FBPE Certificate of Authorization NO. 8681

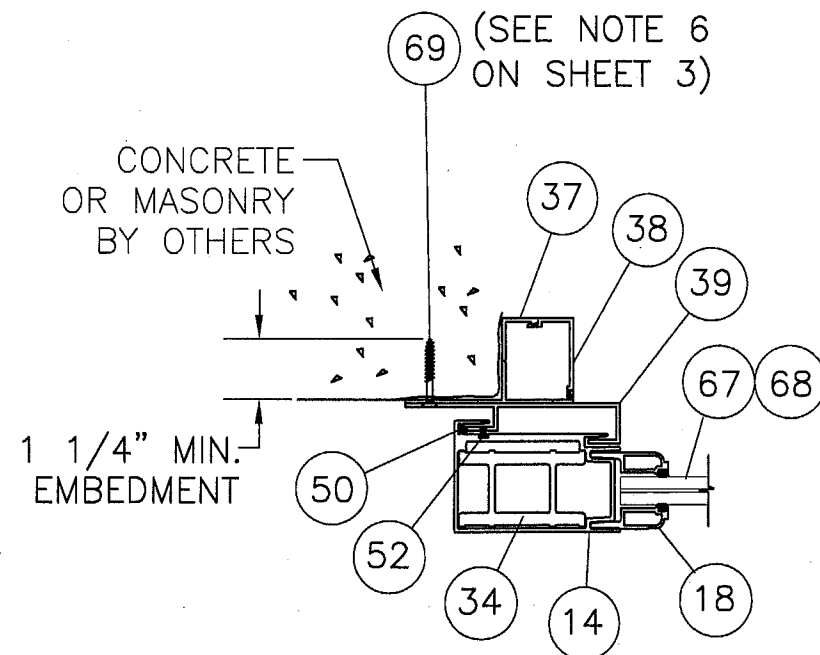
**WINDOOR. INC.**  
 1978 STANHOME WAY, ORLANDO, FL 32804

TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS  
 3 TRACK HORIZONTAL CROSS SECTIONS

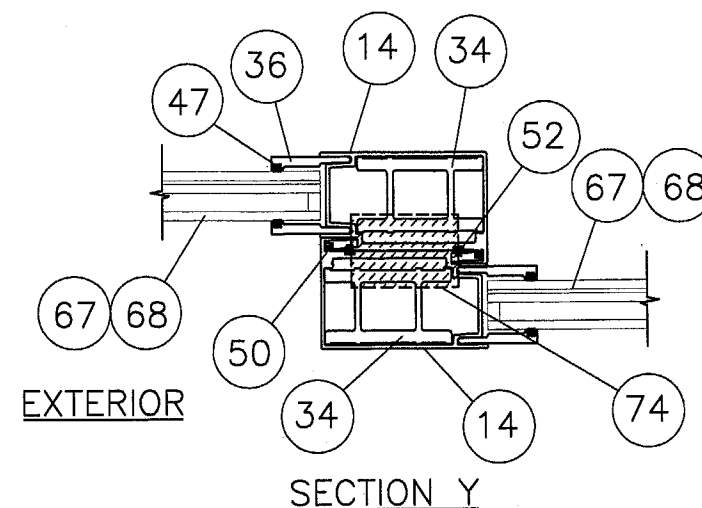
PREPARED BY: **PTC**  
 Product Technology Corporation

DRN: DRL DATE: 09/13/04  
 SCALE: N.T.S. DWG. NO: WIND0081  
 REV: A SHEET: 8 OF 14

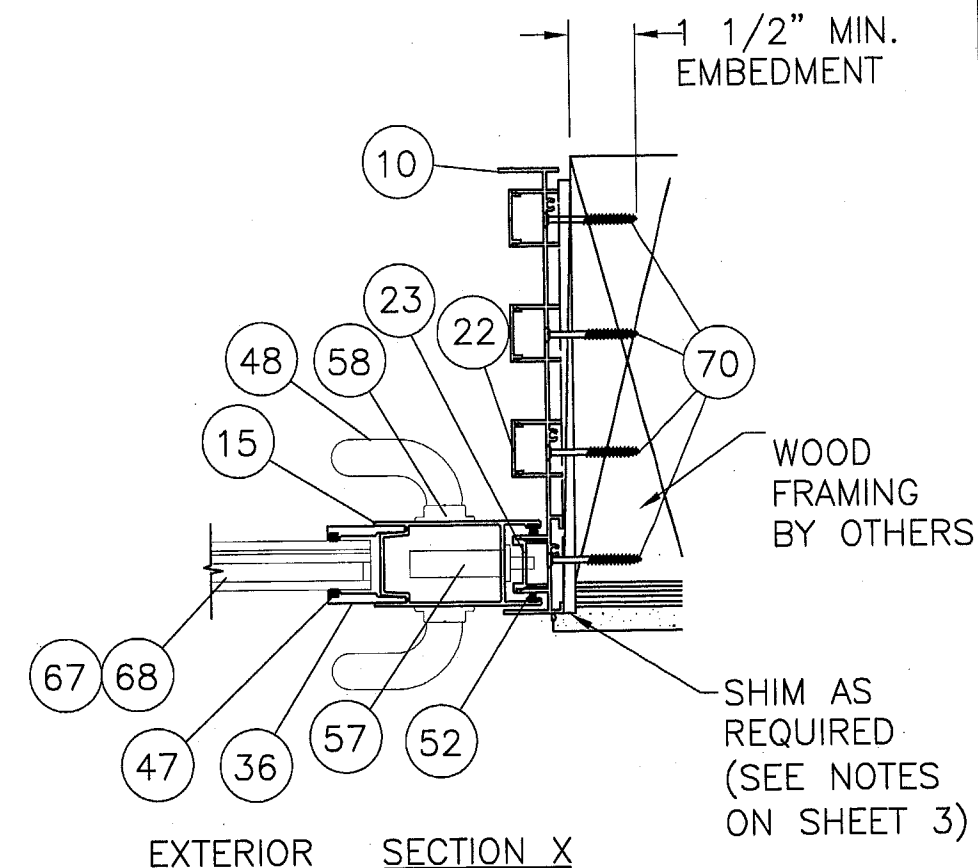
Phone 407.622.6334 Fax 407.622.6335



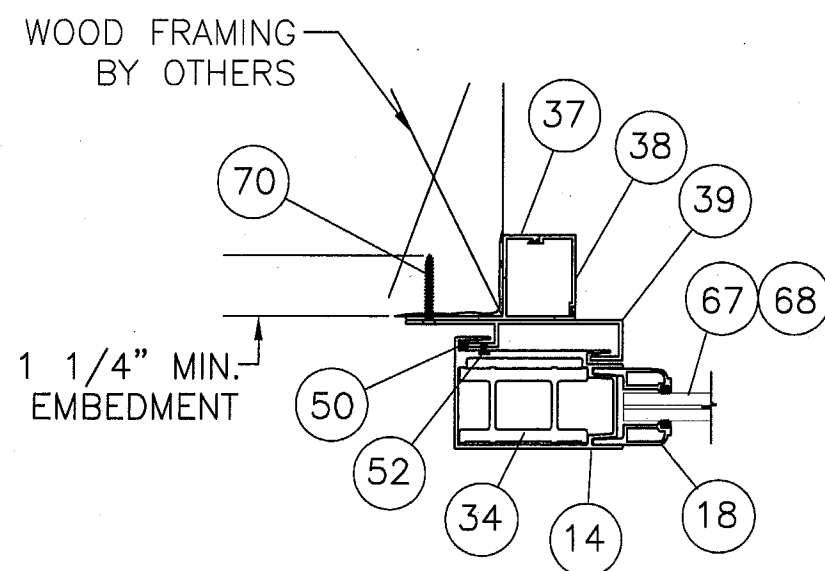
SECTION W



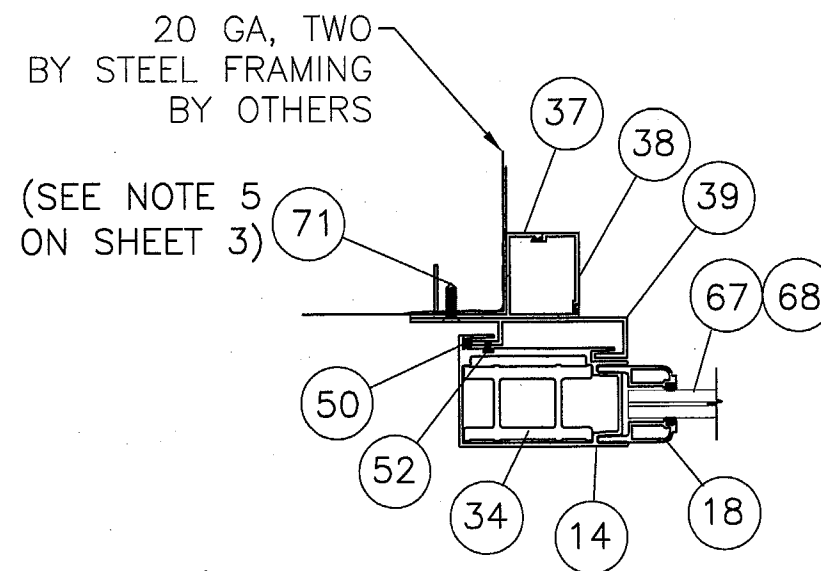
SECTION Y



SECTION X



SECTION Z

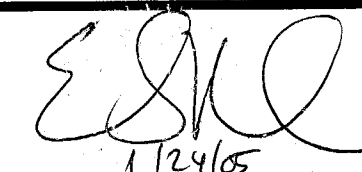



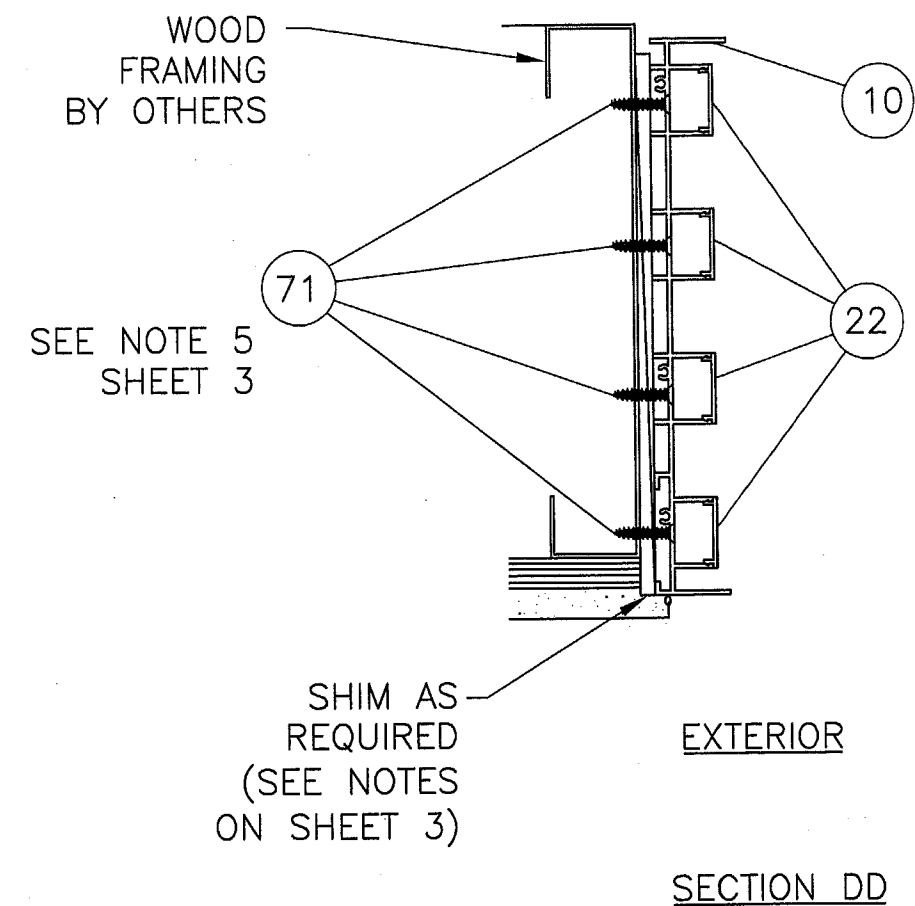
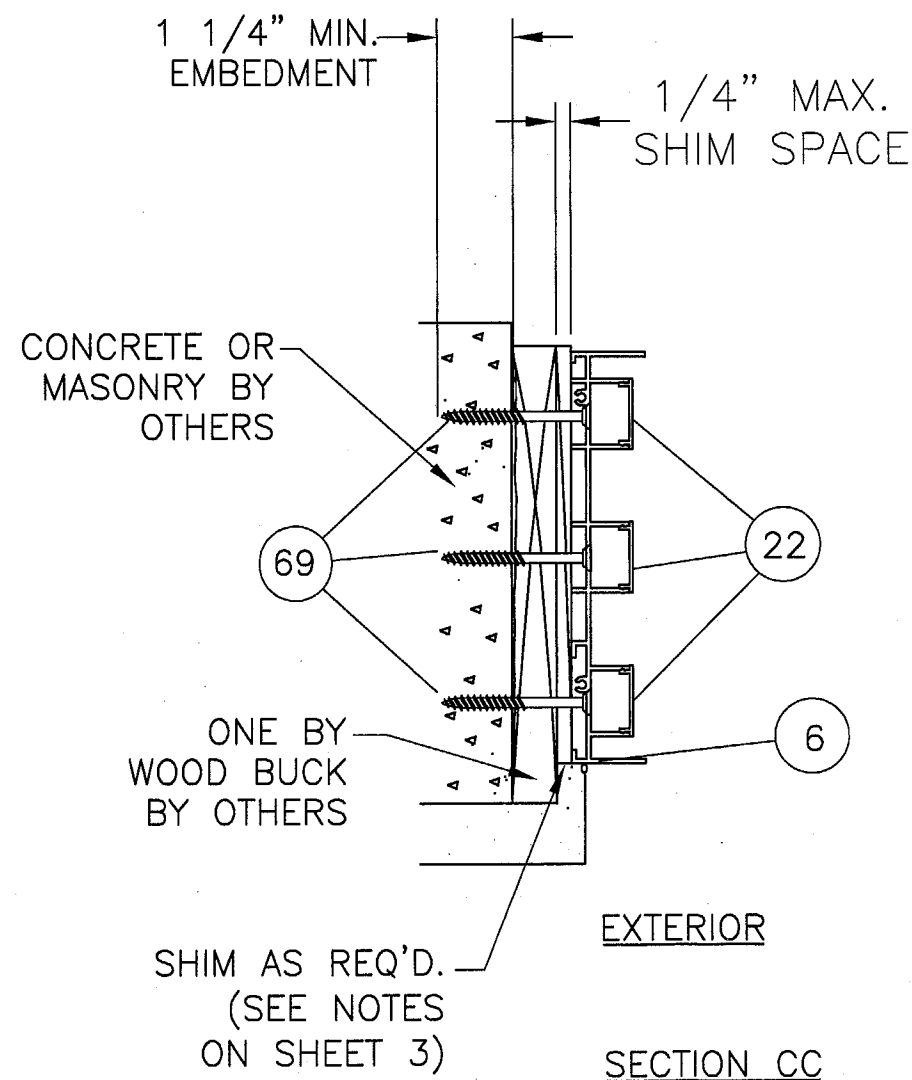
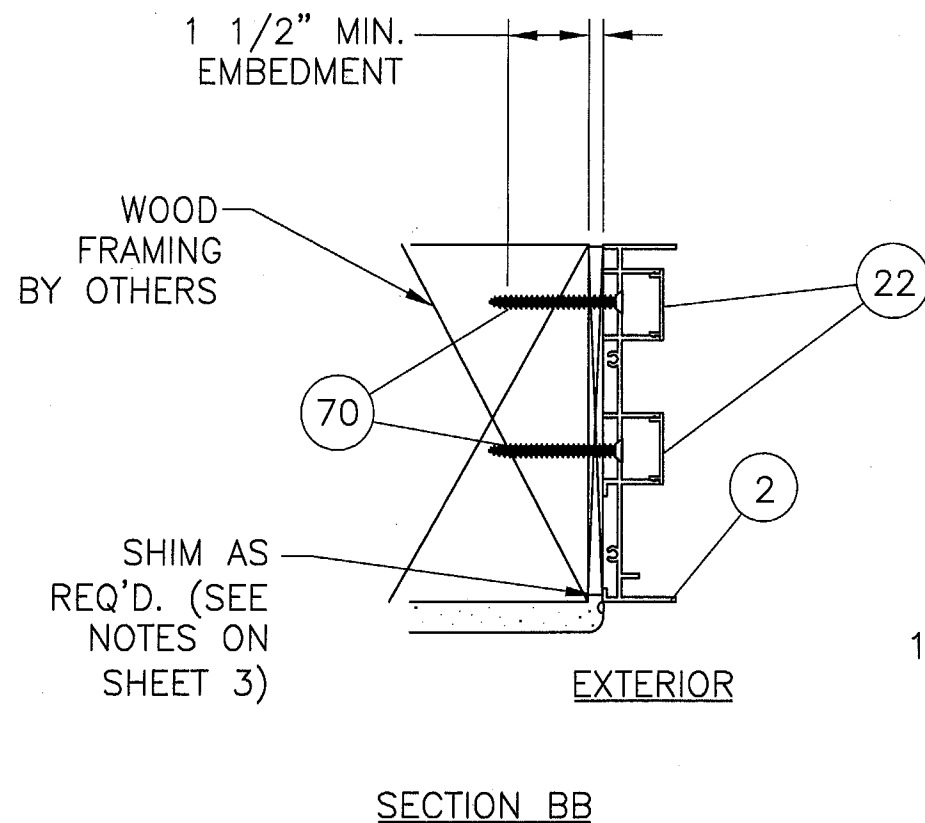
SECTION AA

**PANEL CONSTRUCTION**  
EACH PANEL HAS COPED & BUTTED CORNERS.  
EACH CORNER IS FASTENED TOGETHER WITH  
TWO #10 X 1 1/4 SS PAN HEAD SCREWS.

Approved as complying with the  
Florida Building Code  
Date 03/17/05  
NOAH 04-1020-03  
Miami-Dade Product Control  
Division  
By M. Shal

SYM	REVISION	DATE	BY
A	Per Dade letter dated 12/03/04	12/29/04	DRL

 Eric S. Nielsen Florida P. E. No. 41323 Product Technology Corporation 1150 Louisiana Ave., Suite 6 Winter Park, Florida 32789 FBPE Certificate of Authorization NO. 8681		WINDOOR. INC. 1978 STANHOME WAY, ORLANDO, FL 32804	
		TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS 4 TRACK HORIZONTAL CROSS SECTIONS	
PREPARED BY:  Product Technology Corporation		DRN: DRL SCALE: N.T.S. REV: A	DATE: 09/13/04 DWG. NO: WIND0081 SHEET: 9 OF 14
Phone 407.622.6334 Fax 407.622.6335			



**FRAME ASSEMBLY**

EACH FRAME HAS NOTCHED AND BUTTED CORNERS.  
EACH CORNER IS FASTENED TOGETHER AS FOLLOWS:  
TWO #10 X 1 1/4 SS PAN HEAD SCREWS ON THE 2 AND 3 TRACK.  
THREE #10 X 1 1/4 SS PAN HEAD SCREWS ON THE 4 TRACK.

Approved as complying with the  
Florida Building Code  
Date 03/17/05  
NOA# 04-1020-03  
Miami-Dade Product Control  
Division  
By M. Hall

SYM	REVISION	DATE	BY
A	Per Dade letter dated 12/03/04	12/29/04	DRL

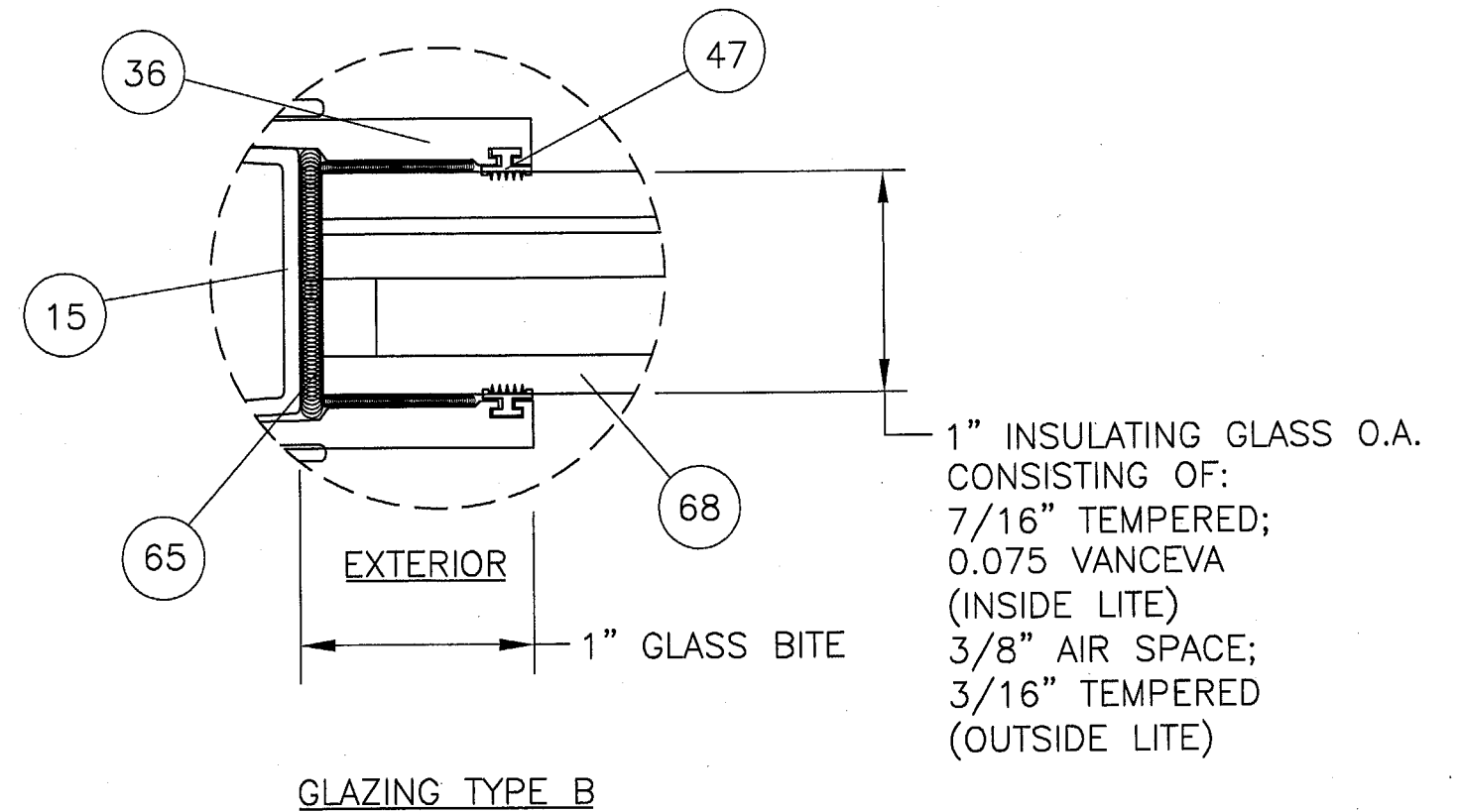
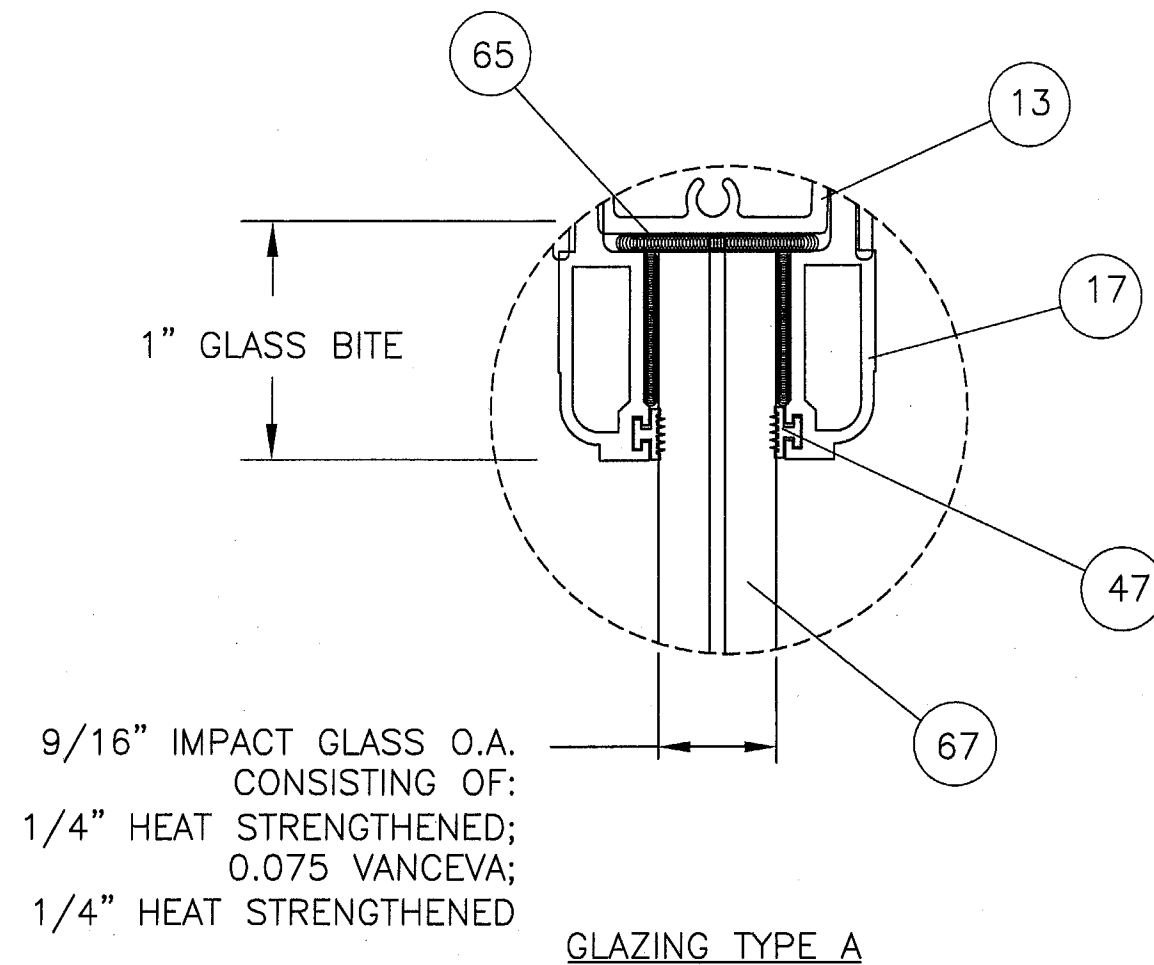
*ESN*  
1/24/05

Eric S. Nielsen  
Florida P. E. No. 41323  
Product Technology Corporation  
1150 Louisiana Ave., Suite 6  
Winter Park, Florida 32789  
FBPE Certificate of Authorization NO. 8681

**WINDOOR. INC.**  
1978 STANHOME WAY, ORLANDO, FL 32804  
TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS  
2, 3 & 4 TRACK HORIZONTAL CROSS SECTIONS

PREPARED BY: **PTC** Product Technology Corporation  
Phone 407.622.6334 Fax 407.622.6335

DRN: DRL	DATE: 09/13/04
SCALE: N.T.S.	DWG. NO: WIND0081
REV: A	SHEET: 10 OF 14



Approved as complying with the  
Florida Building Code  
Date 09/13/05  
NOA# 04-1020-03  
Miami-Dade Product Control  
Division  
By: [Signature]

SYM	REVISION	DATE	BY
A	Per Dade letter dated 12/03/04	12/29/04	DRL

[Signature]  
12/29/05  
Eric S. Nielsen  
Florida P. E. No. 41323  
Product Technology Corporation  
1150 Louisiana Ave., Suite 6  
Winter Park, Florida 32789  
FBPE Certificate of Authorization NO. 8681

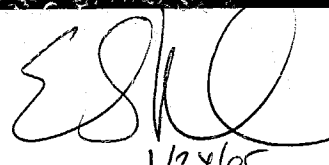
WINDOOR, INC.			
1978 STANHOME WAY, ORLANDO, FL 32804			
TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS GLAZING DETAILS			
PREPARED BY:	DRN:	DATE:	
<b>PTC</b> Product Technology Corporation	DRL	09/13/04	
Phone 407.622.6334 Fax 407.622.6335	SCALE:	DWG. NO:	
	N.T.S.	WINDOOR81	
	REV:	SHEET:	
	A	11 OF 14	


BILL OF MATERIALS				
NO.	PART NO.	DESCRIPTION	MATERIAL	MFG
1	FS-01846	2 TRACK FRAME HEAD WS/NS	EXTRUDED ALUM. A6063-	KEYMARK
2	FS-01845	2 TRACK FRAME JAMB WS/NS	EXTRUDED ALUM. A6063-	KEYMARK
3	FS-01884	2 TRACK SILL PAN WS/NS	EXTRUDED ALUM. A6063-	KEYMARK
4	FS-01885	2 TRACK INSERT WS	EXTRUDED ALUM. A6063-	KEYMARK
5	FS-02180	3 TRACK FRAME HEAD	EXTRUDED ALUM. A6063-	KEYMARK
6	FS-02181	3 TRACK FRAME JAMB	EXTRUDED ALUM. A6063-	KEYMARK
7	FS-02182	3 TRACK SILL PAN	EXTRUDED ALUM. A6063-	KEYMARK
8	FS-02183	3 TRACK INSERT	EXTRUDED ALUM. A6063-	KEYMARK
9	FS-02071	4 TRACK FRAME HEAD	EXTRUDED ALUM. A6063-	KEYMARK
10	FS-02070	4 TRACK FRAME JAMB	EXTRUDED ALUM. A6063-	KEYMARK
11	FS-02069	4 TRACK SILL PAN	EXTRUDED ALUM. A6063-	KEYMARK
12	FS-02184	4 TRACK INSERT	EXTRUDED ALUM. A6063-	KEYMARK
13	FH-01869	TOP RAIL/BOTTOM RAIL	EXTRUDED ALUM. A6063-	KEYMARK
14	FH-02491	INTERLOCK	EXTRUDED ALUM. A6063-	KEYMARK
15	FH-01871	LOCK STILE/PLAIN STILE	EXTRUDED ALUM. A6063-	KEYMARK
16	FH-02165	FEMALE BUTT STILE	EXTRUDED ALUM. A6063-	KEYMARK
17	FH-01877	9/16" HORIZONTAL GLASS STOPS	EXTRUDED ALUM. A6063-	KEYMARK
18	FH-01878	9/16" VERTICAL GLASS STOPS	EXTRUDED ALUM. A6063-	KEYMARK
19	FS-02644	ROLLER BACK UP	EXTRUDED ALUM. A6063-	KEYMARK
20	FS-01882	FRAME HEAD INSERT	EXTRUDED ALUM. A6063-	KEYMARK
21	FS-02210	FRAME HEAD COVER	EXTRUDED ALUM. A6063-	KEYMARK
22	FS-01883	FRAME JAMB INSERT	EXTRUDED ALUM. A6063-	KEYMARK
23	FS-02726	FRAME STILE JAMB INSERT	EXTRUDED ALUM. A6063-	KEYMARK
24	FS-02208	SILL COVER	EXTRUDED ALUM. A6063-	KEYMARK
25	FH-02813	3" SILL RISER ADD ON	EXTRUDED ALUM. A6063-	KEYMARK
26	FS-02209	SCREEN INTERLOCK ADAPTER SWEET	EXTRUDED ALUM. A6063-	KEYMARK
27	FH-02395	SCREEN STILE	EXTRUDED ALUM. A6063-	KEYMARK
28	FS-02650	SCREEN ASTRAGAL	EXTRUDED ALUM. A6063-	KEYMARK
29	FH-02300	SCREEN TOP RAIL/BOTTOM RAIL	EXTRUDED ALUM. A6063-	KEYMARK
30	FS-02629	1 1/2" SILL RISER	EXTRUDED ALUM. A6063-	KEYMARK
31	FH-02625	2 1/4" SILL RISER	EXTRUDED ALUM. A6063-	KEYMARK
32	FH-02626	3 1/2" SILL RISER	EXTRUDED ALUM. A6063-	KEYMARK
33	FH-02939	4 1/4" SILL RISER	EXTRUDED ALUM. A6063-	KEYMARK
34	FH-02641	ALUMINUM REINFORCEMENT BAR	EXTRUDED ALUM. A6063-	KEYMARK
35	FH-01879	1" HORIZONTAL GLASS STOP	EXTRUDED ALUM. A6063-	KEYMARK
36	FS-01880	1" VERTICAL GLASS STOP	EXTRUDED ALUM. A6063-	KEYMARK
37	FS-02301	POCKET DOOR HOOK STRIP BASE	EXTRUDED ALUM. A6063-	KEYMARK
38	FS-02172	POCKET DOOR HOOK STRIP BASE COVER	EXTRUDED ALUM. A6063-	KEYMARK
39	FS-02173	POCKET DOOR HOOK STRIP	EXTRUDED ALUM. A6063-	KEYMARK

BILL OF MATERIALS			
NO.	PART NO.	DESCRIPTION	MFG
40		FRAME ASSEMBLY SCREWS #10 X 1 1/4" PH F SS	
41		SILL ASSEMBLY SCREWS #8 X 1/4" PH F SS	
42		ROLLER INSTALLATION SCREWS #8 X 5/8" PH F SS	
43		PANEL ASSEMBLY SCREWS #10 X 1 1/4" F SS	
44		SCREEN ASSEMBLY SCREWS #8 X 5/8" PH TYPE F	
45		ROLLER INSTALLATION SCREWS #8 X 3/4" TYPE F	
46	BF04122-1	WEEP HOLE BAFFLES	
47	TP870	IMPACT GLASS STOP VINYL	
48	1414	OLYMPUS HANDLE SET	
49	1988-9000	TANDEM ROLLERS	
50	TP876	INTERLOCK BUMPER	
51	W33351NK000	TOP/BOTTOM RAIL FINSEAL .187 x .350	
52	W33221NK000	WEATHERSTRIP FINSEAL .187 x .220	
53	W23401NK	WEATHERSTRIPING .187 x .400	
54	W13131NK	WEATHERSTRIPING .187 x .130	
55	V998B	GLAZING TAPE 1/4" x 3/8"	
56	NRAHP	PANEL HEIGHT ADJUSTMENT HOLE PLUGS	
57	2468	DUAL POINT MORTISE LOCK	
58	2470	MORTISE LOCK THUMB TURN	
59	SGD-205-CH	LOCK & KEEPER	
60	PCT 300 WHYC	HANDLE	
61	NPG	NYLON PANEL GUIDE	
62	PJS 7623-09-SS-N	ROLLER	
63	18 x 16	FIBERGLASS SCREEN MESH	
64	TP-055.175 SSS	SCREEN SPLINE	
65	SIKA 552	SEALANT	
66	NSB 3/16-3/4-2	GLASS SETTING BLOCKS	
67		9/16" OA CLEAR HS GLASS: 0.075 VANCEVA COMPOSITE VS02 INTERLAYER	
68		1" OA I. TEMP. GLASS: 7/16" TEMP.; 0.075" VANCEVA COMPOSITE VS02 INTERLAYER; 3/8" AIR SPACE; 3/16 TEMP.	
69		1/4" DIA. RAWL TAPPER	
70		#12 WOOD SCREW	
71		1/4" SELF TAPPING SHEET METAL SCREW	
72		#8 X 1/4" PH MACHINE SCREW	
73		SILICONE CAULK	
74		.750" HIGH X 1.50" X 2.25" DUAL FINNED DUST PAD	

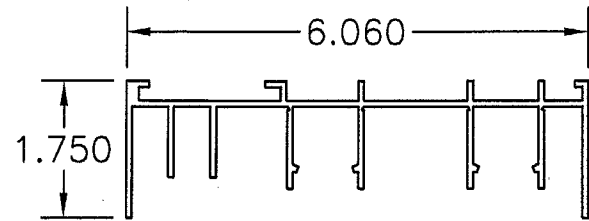
Approved as complying with the  
Florida Building Code  
Date 03/13/05  
NOAH 04-1020-03  
Miami Dade Product Control  
Division  
By \_\_\_\_\_

A	Per Dade letter dated 12/03/04	12/29/04	DRL
SYM	REVISION	DATE	BY

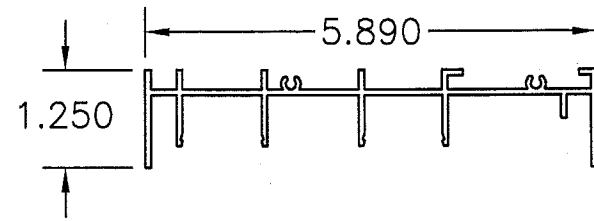
  
1/24/05  
Eric S. Nielsen  
Florida P. E. No. 41323  
Product Technology Corporation  
1150 Louisiana Ave., Suite 6  
Winter Park, Florida 32789  
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.			
1978 STANHOME WAY, ORLANDO, FL 32804			
TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS			
BILL OF MATERIALS			
PREPARED BY:	DRN:	DATE:	
	DRL	09/13/04	
Product Technology Corporation	SCALE:	DWG. NO:	
Phone 407.622.6334 Fax 407.622.6335	N.T.S.	WIND0081	
	REV:	SHEET:	
	A	12 OF 14	

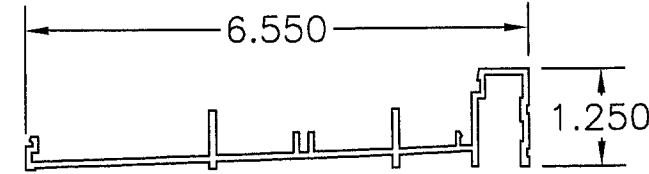
① TWO TRACK FRAME HEAD WS/NS  
TYP. WALL THICKNESS 0.075



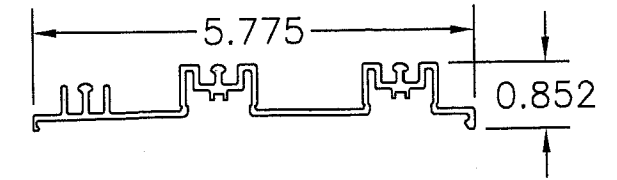
② TWO TRACK FRAME JAMB WS/NS  
TYP. WALL THICKNESS 0.075



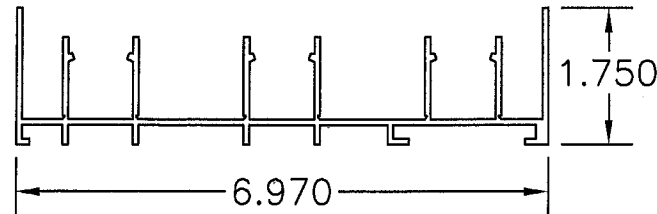
③ TWO TRACK SILL PAN WS/NS  
TYP. WALL THICKNESS 0.080



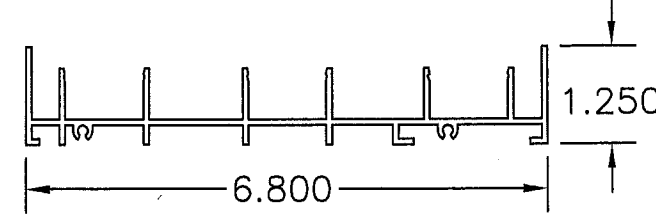
④ TWO TRACK SILL INSERT WS  
TYP. WALL THICKNESS 0.075



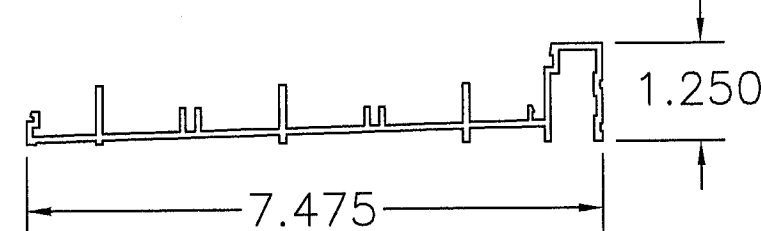
⑤ 3 TRACK FRAME HEAD  
TYP. WALL THICKNESS 0.075



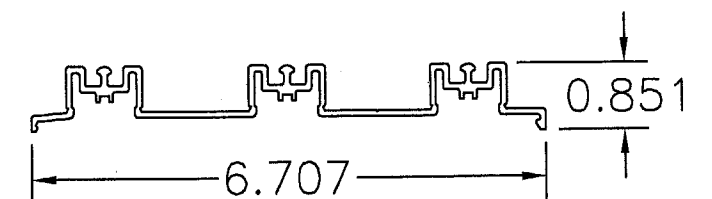
⑥ 3 TRACK FRAME JAMB  
TYP. WALL THICKNESS 0.075



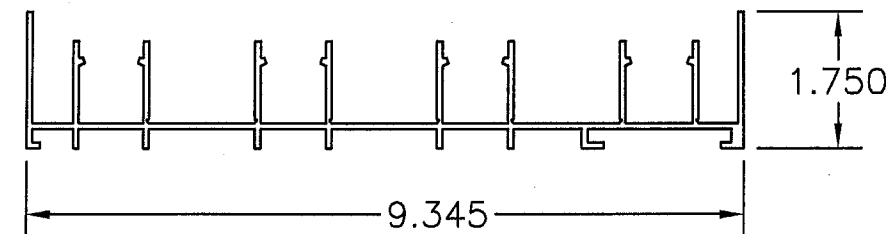
⑦ 3 TRACK FRAME SILL PAN  
TYP. WALL THICKNESS 0.080



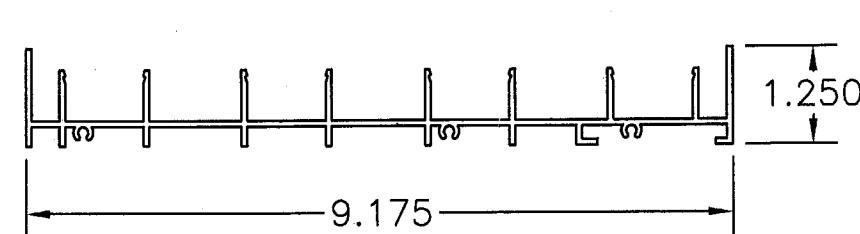
⑧ 3 TRACK FRAME SILL INSERT  
TYP. WALL THICKNESS 0.075



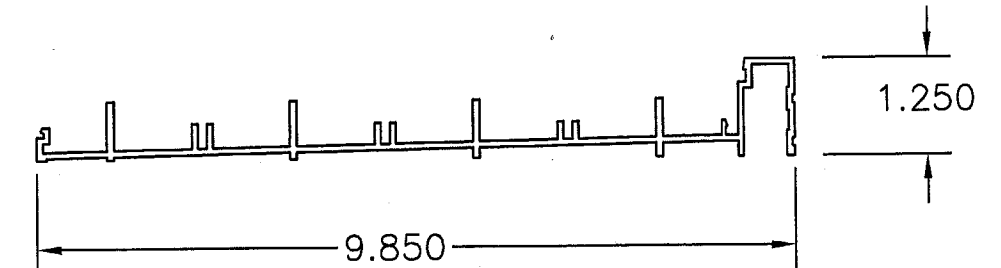
⑨ 4 TRACK FRAME HEAD  
TYP. WALL THICKNESS 0.075



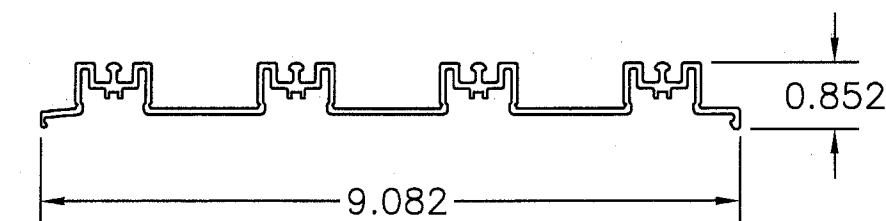
⑩ 4 TRACK FRAME JAMB  
TYP. WALL THICKNESS 0.075



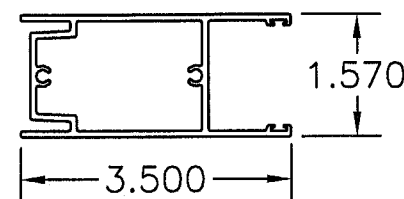
⑪ 4 TRACK FRAME SILL PAN  
TYP. WALL THICKNESS 0.080



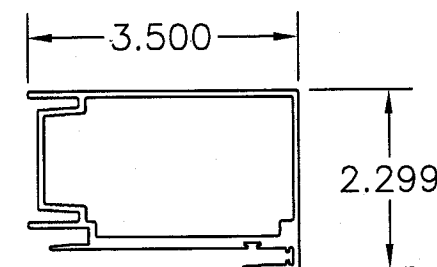
⑫ 4 TRACK FRAME SILL INSERT  
TYP. WALL THICKNESS 0.075



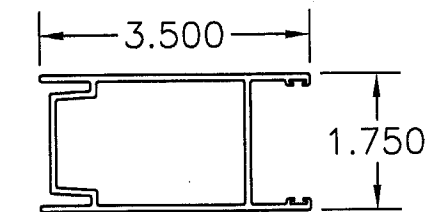
⑬ PANEL TOP & BOTTOM  
RAIL TYP. WALL  
THICKNESS 0.080



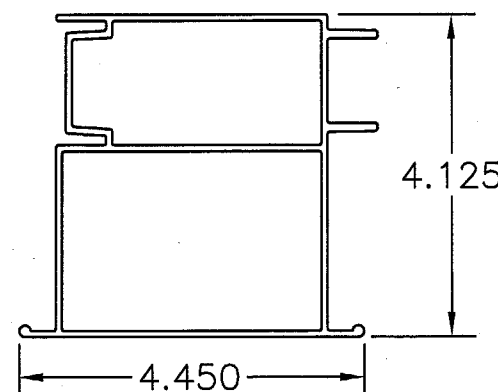
⑭ PANEL INTERLOCK TYP.  
WALL THICKNESS 0.080



⑮ PANEL LOCK/PLAIN STILE  
TYP. WALL THICKNESS 0.080



⑯ FEMALE BUTT STILE  
TYP. WALL THICKNESS 0.080



Approved as complying with the  
Florida Building Code  
Date: 03/13/05  
NOA: 04-1020-03  
Product Control  
Division

SYM	REVISION	DATE	BY
A	Per Date letter dated 12/03/04	12/29/04	DRL

*ESN*  
1/24/05  
Eric S. Nielsen  
Florida P. E. No. 41323  
Product Technology Corporation  
1150 Louisiana Ave., Suite 6  
Winter Park, Florida 32789  
FBPE Certificate of Authorization NO. 8681

WINDOOR, INC.			
1978 STANHOME WAY, ORLANDO, FL 32804			
TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS			
COMPONENTS			
PREPARED BY:	DRN:	DATE:	
<b>PTC</b>	DRL	09/13/04	
Product Technology Corporation	SCALE:	DWG. NO:	
	N.T.S.	WIND0081	
	REV:	SHEET:	
	A	13 OF 14	

<p>17 9/16" VERTICAL GLASS STOP</p>	<p>18 9/16" HORIZONTAL GLASS STOP</p>	<p>19 ROLL BACKUP TYP. WALL THICKNESS 0.175</p>	<p>20 FRAME HEAD INSERT TYP. WALL THICKNESS 0.060</p>	<p>21 FRAME HEAD COVER TYP. WALL THICKNESS 0.050</p>	<p>22 FRAME JAMB INSERT TYP. WALL THICKNESS 0.060</p>
<p>23 FRAME STILE JAMB INSERT TYP. WALL THICKNESS 0.060</p>	<p>24 FRAME SILL COVER TYP. WALL THICKNESS 0.050</p>	<p>25 3" SILL RISER TYP. WALL THICKNESS 0.060</p>	<p>26 SCREEN INTERLOCK ADAPTER TYP. WALL THICKNESS 0.060</p>	<p>27 SCREEN STILE TYP. WALL THICKNESS 0.062</p>	<p>28 SCREEN ASTRAGAL TYP. WALL THICKNESS 0.050</p>
<p>29 SCREEN TOP/BOTTOM RAIL TYP. WALL THICKNESS 0.064</p>	<p>30 1-1/2" SILL RISER TYP. WALL THICKNESS 0.060</p>	<p>31 2-1/4" SILL RISER TYP. WALL THICKNESS 0.060</p>	<p>32 3 1/2" SILL RISER TYP. WALL THICKNESS 0.060</p>	<p>33 4 1/4" SILL RISER TYP. WALL THICKNESS 0.060</p>	<p>34 REINFORCEMENT BAR TYP. WALL THICKNESS 0.250</p>
<p>35 1" HORIZONTAL GLASS STOP</p>	<p>36 1" VERTICAL GLASS STOP</p>	<p>37 POCKET DOOR HOOK STRIP BASE TYP. WALL THICKNESS 0.075</p>	<p>38 POCKET DOOR STRIP HOOK BASE COVER TYP. WALL THICKNESS 0.075</p>	<p>39 POCKET DOOR HOOK STRIP TYP. WALL THICKNESS 0.080</p>	<p>Approved as complying with the Florida Building Code  Date <u>08/13/05</u>  NOA# <u>04-022-03</u>  Miami-Dade Product Control Division  By _____</p>

SYM	REVISION	DATE	BY
A	Per Date letter dated 12/03/04	12/29/04	DRL

Eric S. Nielsen  
Florida P. E. No. 41323  
Product Technology Corporation  
1150 Louisiana Ave., Suite 6  
Winter Park, Florida 32789  
FBPE Certificate of Authorization NO. 8681

<p>WINDOOR, INC.</p> <p>1978 STANHOME WAY, ORLANDO, FL 32804</p> <p>TITLE: SERIES 8000 SGD LARGE MISSILE 5080 PANELS COMPONENTS</p>			
<p>PREPARED BY:</p> <p>Product Technology Corporation</p> <p>Phone 407.622.6334 Fax 407.622.6335</p>	<p>DRN: DRL</p> <p>SCALE: N.T.S.</p> <p>REV: A</p>	<p>DATE: 09/13/04</p> <p>DWG. NO: WIND0081</p> <p>SHEET: 14 OF 14</p>	